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Job Projections for Montana's Industries and Occupations

1994 - 2000

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Published January 1996 by the Montana Department of Labor and Industry



Other Sources of Montana Labor Market Information In Publications:

The following publications are available, free of charge, from the Department of Labor and Industry's Research and Analysis Bureau (see address and phone numbers on this publication's title page):

- Annual Planning Information—Provides data on labor force characteristics essential to people involved in employment training. Includes information on the Montana labor force, employment, unemployment, and wages and earnings.
- Census of Fatal Occupational Injuries—Includes information on work-related fatalities in Montana and the U.S.
- Montana Employment and Labor Force Trends—Presents information on statewide and county labor market information. Information is also included on employment by industry, female employment by industry, average hours and earnings, tally of new business firms, and prevailing wage rates for alien certification.
- Montana Occupational Injuries and Illnesses—Includes information on work-related injuries and illnesses, including accident rates and frequencies by industry.
- Profile of the Montana Worker—A publication of charts and graphs providing a comprehensive profile of Montana and its labor force.
- Statistics in Brief—Pocket-sized reference which includes data on employment and unemployment by county, labor force and service delivery areas.
- Wage Information publications—Include informational wage rates by occupation. Information sometimes incorporated about the skills and education required to qualify for entry-level jobs within specific occupations.

On Electronic Bulletin Boards:

Montana wage data compiled by the Montana Department of Labor and Industry's Research and Analysis Bureau, U.S. Department of Labor-Bureau of Labor Statistics and Service Contract Act (SCA) is available on the Federal Employment and Training Administration's Region VIII electronic bulletin board at I-800-828-5912. Other labor market information is available on the State of Montana electronic bulletin board at I-406-444-5648. A computer and modem are required to access these bulletin boards.

On the Internet:

The Department of Labor and Industry's Research and Analysis Bureau places a wide variety of labor market information on the Internet (http://jsd.dli.mt.gov/). In addition, listings of job openings, employment statistics and State of Montana job vacancies can also be found at the same Internet address. Montana job openings are also published on America's Job Bank on the Internet World Wide Web Network. Members of the public interested in using the Internet can contact their public libraries, colleges and universities to see if they have Internet access or to find out if there's a commercial service provider in their communities to subscribe and use Internet on a personal computer.

We will do our best to provide information in accessible format, on request, in compliance with the Americans with Disabilities Act.

Job Projections for Montana's Industries and Occupations 1994 - 2000

State of Montana Marc Racicot, Governor

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Introduction

Meeting the Need for Job Trend Information

Access to the latest job trend information can be of invaluable help to everyone involved in Montana's employment picture. To meet that need, the Department of Labor and Industry's Research and Analysis Bureau periodically develops industry and occupational job projections to help people anticipate which industries and occupations are likely to show job growth in the near future, and which are not. Businesses, government agencies, educators, researchers, job training program planners, students and job seekers should all benefit from taking a peek into Montana's economic future.

1994—2000 Montana Job Projections

The industry and occupational job projections featured in this publication were made to the year 2000 based on 1994 data, using methodology detailed on pages 37-42. Resulting job numbers are estimated numbers—and all information applies to the state as a whole. Projections are made partly under the assumption that past employment trends will continue, and that our economy's institutional framework will not undergo radical changes.

1994—2005 Projections Available Mid-1996

Comparable information on national industry and occupational job projections was not available when this publication went to press. A new set of Montana projections based on 1994 data and projected to 2005 is scheduled to be developed in 1996. A publication featuring those projections should be completed by mid-1996, and will include national industry and occupational job projections for that same time period.

For More Information or to Reserve Copy of New Projections

If you have questions about information included in this publication—or want to reserve a copy of the upcoming 1994-2005 projections publication—please contact us at the Research and Analysis Bureau; Montana Department of Labor and Industry; P.O. Box 1728; Helena, MT 59624; (406) 444-2430 or TDD (406) 444-0532.

We will do our best to provide information in accessible format, on request, in compliance with the Americans with Disabilities Act.

Job Projections for Montana's Industries, 1994-2000

About 6,600 New Jobs a Year Projected Through the Year 2000

Although the future is never certain, it is useful to look ahead and try to determine what may happen in terms of the number of jobs supported within Montana's economic sectors. Most job growth involves wage-and-salary jobs; consequently, only wage-and-salary jobs are addressed here.

A total of about 40,000 wage-and-salary jobs are projected to be created in Montana between 1994 and the year 2000. This translates to approximately 6,600 jobs per year, on average, or about 2.0 percent growth in job numbers per year. This compares with an average growth rate of 3.2 percent for the 6-year period from 1988 to 1994, a relatively strong growth period in Montana's economic history; on the other hand, the average growth rate for 1979 to 1988 was negative, principally caused by employment declines for 1980, 1982, 1985 and 1986.

Most of the growth (89.0 percent) is projected to be in the services-producing segment of the Montana economy, which is comprised of industries that do not produce a physical or tangible product. Most of this growth is projected to be in health services, social services, eating and drinking establishments, and public and private educational services with continuing population growth during the remainder of the 1990s acting as the main force behind job increases in those sectors. Jobs are forecast to increase in all service-type areas except for federal government, noneducation state government, tribal governments, railroads and pipelines.

Forecasted job growth of 4,300 jobs in the goods-producing segment of the Montana economy, although more modest than for service-type sectors, is nevertheless important. Most of the goods-producing growth (3,500 jobs) is in construction. Durable goods manufacturing (products with an expected life of 3 years or more) should add an additional 1,100 goods-producing jobs, in spite of the fact that wood products manufacturing is projected to decline. Jobs in nondurable goods manufacturing are expected to decline, principally because of projected decreases in food products. Production agriculture, the raising of crops and livestock, is also expected to continue its long decline in job numbers. The mining sector is projected to increase modestly by about 500 jobs between 1994 and 2000. Please refer to the table on pages 8-9 for the actual year 2000 projections for broadly defined industries as well as for specific industries.

General Trends and Assumptions Affecting the Projections

Before reviewing the projections in more detail, however, a brief overview of the major factors affecting job growth in Montana is in order. While every industry has its own issues and trends, several broad factors affect most of the industry projections.

• First, population growth is the principal driving force for many of Montana's economic sectors and population is expected to continue to grow for the rest of the 1990s. This is true not only for total population, but also for the retirement

age population group. The rate of growth for total population is projected at a lower level for the period 1994-2000 (0.8 percent per year) as compared with the 1990-1994 period (1.8 percent per year). The average annual growth rates for the 65-and-older age group are similar for the 2 periods at about 1.5 percent per year. State economic sectors driven principally by population growth include building construction, wholesale/retail trade, health services, public and private educational services—along with other services. The source for the population projections is a Washington, D.C. research firm, NPA Data Services.

- Second, changes in technology, particularly related to communications and computers, will continue to affect employment levels. This will be true not only for the communications industry itself, but also for manufacturing industries as a whole, along with other segments of the Montana economy. Computers and related capital equipment will continue to be substituted for labor in the production of nearly all goods and services.
- Third, emphasis on hiring better-educated and higher-skilled workers will continue as the economy becomes more knowledge-based and less production-based. Related to this will be a continuation of the historical shift of jobs from goods-producing to service-producing industries.

Services Jobs

Narrowly defined, services is a major part of the broader service-producing segment of the Montana economy. It is projected to increase by about 17,000 jobs between 1994 and 2000, accounting for about 42 percent of the total jobs created over this time period. (Information in the table on pages 8-9 details the variety of consumer, producer, and professional services included in this category.)

Within the services sector, private health services is expected to increase by about 5,000 jobs as a result of general population growth and the normal aging of Montana's population. In 1994, payroll jobs in liealth services paid an annual wage/salary of \$23,000—well above the overall state average of \$20,200.

Private social services is projected to increase by about 3,000 jobs over the period. This is partly the result of the national trend toward shifting counseling and residential treatment programs away from situations where medical doctors are involved. The wage-and-salary jobs component of the social services sector is a lower wage segment, with 1994 annual wages of \$12,000. Social services include nonmedical individual and family social services, nonmedical residential care, child day care services, along with job training and vocational rehabilitation services.

Business services is projected to increase by roughly 2,000 jobs between 1994 and 2000. Major components of this subsector include temporary help companies, building maintenance services, computer services and equipment rental. Growth in this industry is part of a national trend toward more use of temporary employees and

contracting outside an organization for maintenance and other services. Annual wages for 1994 were below average at \$13,700.

Pieces of the recreation and travel industry are within the narrowly-defined services category—namely hotels & other lodging places and amusement & recreational services—both projected to increase by approximately 1,000 jobs between 1994 and 2000. Both subsectors are low-wage industries with 1994 annual average wages of \$9,900 and \$10,600, respectively.

The narrowly-defined services category also includes the engineering & management services subsector. This high wage sector (\$29,700 for 1994) is projected to increase by roughly 1,000 jobs by the year 2000.

Only one component of the narrowly-defined services category is projected to decline, namely membership organizations. This category includes tribal governments in addition to business, civic, and religious organizations. Most tribal government funding is federal and the current outlook for this funding is for a reduction. This sector pays below average annual wages (\$15,100 in 1994).

Retail Trade Jobs

Retail trade is projected to add about 11,000 jobs to Montana's economy between 1994 and 2000, accounting for about 29 percent of the total jobs created.

Almost half of the retail job increase is projected to be in eating and drinking places (fast food outlets, restaurants and bars), a projected increase of approximately 5,000 jobs. This low-wage retail trade subsector (\$7,700 in 1994, excluding tips) serves both resident Montanans and nonresident travelers.

Three other retail subsectors are projected to increase by approximately 1,000 jobs each. They are food stores, building materials & garden supplies stores and miscellaneous retail stores (e.g. sporting goods, drug stores, gift shops). Food stores mostly serve Montana residents, and thus the growth of this subsector is driven by Montana population growth. The building materials & garden supplies subsector serves the Montana building construction industry directly and Montana's population indirectly—consequently, it is also influenced by population growth. Miscellaneous retail stores serve both Montana residents and visitors to the state. The building materials subsector is the highest paid of these 3 retail subsectors, with annual wages in 1994 of \$18,500—followed by food stores at \$13,500, and miscellaneous retail at \$12,400.

Other components of retail trade—general merchandise stores, auto dealers/service stations, apparel stores and home furnishings stores—are projected to increase by less than 1,000 jobs each.

Construction Jobs

As mentioned above, most of the growth (3,500 jobs) in goods-producing industries is projected to be in the construction sector. Within construction, the major growth area is in both general building contractors and special trade contractors (e.g. plumbing, heating and electrical) subsectors that both pay above average wages

(\$20,700 and \$22,300, respectively, in 1994). General contractors, except building (heavy construction) is expected to increase by about 600 jobs (with an average annual wage of \$32,600 in 1994).

Government Jobs

Between 1994 and the year 2000, government employment is projected to grow at about one-third the rate of the economy as a whole (4.0 percent versus 12.0 percent). The components of the government (public services) sector are a mixture of growing and declining subsectors. Generally, the growth is in both the postsecondary and kindergarten through 12th grade (K-12) components of public education.

The growth of postsecondary jobs is primarily in the state university system and is principally related to projected enrollment increases. Roughly 1,700 jobs are projected for the 1994 to 2000 period in the state education sector. State education jobs averaged \$24,700 in 1994.

Local government education (which is primarily kindergarten through grade 12, but also includes 3 community colleges) is projected to increase by approximately 1,200 jobs, an average annual growth rate of 0.8 percent per year as compared with about 2.0 percent per year for the 1988-1994 time period. (Local education jobs in 1994 averaged \$22,000 in wages.) Other local government jobs are projected to increase about 0.7 percent per year in response to population growth.

The largest decline of public sector jobs is projected to come in federal government, with a projected loss of about 500 jobs. (With wages set in national markets for particular occupations, federal wages are considered high wage, averaging \$33,900 in 1994.) Other state government (noneducation) jobs are projected to decline by roughly 200 jobs, primarily related to the announced restructuring of the state hospital at Warm Springs. (Annual wages for other state government jobs are above the state norm, averaging \$24,100 in 1994.)

Finance, Insurance, and Real Estate Jobs

Finance, insurance, and real estate services combined are projected to grow by about 1,700 jobs. Primarily driven by population change, the real estate subsector should show the biggest increase of about 600 jobs. Finance is projected to grow very little because of the consolidation that is currently occurring in that industry. All portions of the finance, insurance and real estate sector, except real estate, pay at least 10 percent above the statewide annual average wage of just over \$20,000. The annual wage for the securities and commodities brokers portion of finance is very high for Montana, at \$50,000 per year in 1994.

Transportation, Communications and Utilities Jobs

Transportation, communications and utilities services together are forecast to increase by about 1,400 jobs. About half this growth is projected to occur in the trucking & warehousing subsector (a relatively high wage industry, averaging

\$24,800 in 1994). The communications sector is projected to grow very little due to restructuring and substituting capital equipment for labor. This latter phenomenon also contributes to a small projected decline in railroad transportation and pipeline jobs.

Wholesale Trade Jobs

Wholesale trade, which primarily provides services to businesses, is projected to increase by about 1,300 jobs, or 7.0 percent, which is less than the projected 12.0 percent job growth for the economy as a whole. Wholesale trade jobs tend to be higher paying, averaging \$25,100 for 1994.

Manufacturing Jobs

As noted above, manufacturing industries can be divided into 2 groups: those producing durable goods and those manufacturing nondurable goods (goods estimated to last less than 3 years). Also noted previously, durable goods manufacturing is projected to increase by about 1,100 jobs, in spite of forecasted declines in the wood products and primary metals processing industries of about 300 and 150 jobs, respectively. The durable goods manufacturing increase is projected to come primarily from the manufacture of industrial machinery, sporting goods, gambling equipment and other miscellaneous manufacturing products. Industrial machinery manufacturing paid above average wages of \$23,200 in 1994. The collection of miscellaneous manufacturing industries paid a somewhat-below-average wage of \$19,300 in 1994.

Nondurable manufacturing is projected to decline overall by about 200 jobs. A major component of nondurable manufacturing, food processing, is forecast to decline by about 650 jobs. This decline may be related to instate sugar refining and other food processing becoming less competitive. The decline in food processing is basically counterbalanced by projected increases in other nondurable manufacturing, including a 300-job increase in printing and publishing. Food processing jobs averaged \$23,400 in 1994; printing and publishing jobs averaged \$18,400.

Mining Jobs

The mining sector, which includes energy minerals and metals, is projected to increase by about 500 jobs, about half of which are projected to be within the metal mining subsector. There are a number of precious metals mines in various stages of state and federal mine permitting processes. Two have already received permits, and may open before the year 2000. They are a platinum mine proposed for Sweet Grass County, south of the town of Big Timber, and a silver/copper mine in Lincoln County, south of Libby (which is currently being challenged in court). In addition, a recently-permitted coal mine in Musselshell County has just begun operating, which will help increase employment in the coal mining subsector.

Agriculture, Forestry, Fishing, Hunting, and Trapping Jobs

The agriculture, forestry and fishing segment of the goods-producing portion of the Montana economy has been—and still is—dominated by production agriculture, the raising of crops and livestock. Production agriculture has experienced employment declines for many decades. This decline, projected to continue, is primarily caused by the substitution of machinery and equipment (tractors etc.) for labor. An additional decrease of 1,000 agricultural wage-and-salary workers is projected for the 1994-2000 period. On the other hand, agricultural services, which includes landscape and veterinary services used by private households, is projected to increase in keeping with projected population increases.

Specific Job Projections and Methodology Used

Specific job projections for industry sectors and subsectors are included in the table found on the following 2 pages.

An explanation of the methodology used for the job projections begins on page 37.

MONTANA INDUSTRY EMPLOYMENT Wage-and-Salary Job Projections 1994-2000

			Projected	Jobs	Percent
SIC*		Jobs	Jobs	Gained/Lost	Change
Code	Industry	1994	2000	1994-2000	1994-2000
	The same and the same				
	ALL INDUSTRIES	335,510	375,070	39,560	11.8%
	AGRICULTURE, FORESTRY, AND FISHING	8,020	7,370	(650)	-8.1%
01 & 02	AGRICULTURAL PRODUCTION, CROPS & LIVESTOCK	6,380	5,420	(960)	
07	AGRICULTURAL SERVICES	1,360	1,670	310	22.8%
08	FORESTRY SERVICES	250	250	0	0.0%
09	FISHING, HUNTING, TRAPPING	30	30	0	0.0%
	MINING	5,450	5,960	510	9.4%
10	METAL MINING	2,190	2,430	240	11.0%
12	COAL MINING	1,030	1,140	110	10.7%
13	OIL AND GAS EXTRACTION	1,490	1,600	110	7.4%
14	NONMETALLIC MINERALS, EXCEPT FUELS	740	790	50	6.8%
	CONSTRUCTION	14,980	18,480	3,500	23.4%
15	GENERAL BUILDING CONTRACTORS	4,370	5,920	1,550	35.5%
16	GENERAL CONTRACTORS, EXCEPT BUILDING	3,710	4,270	560	15.1%
17	SPECIAL TRADE CONTRACTORS	6,900	8,290	1,390	20.1%
	DURABLE GOODS MANUFACTURING	14,120	15,260	1,140	8.1%
24	LUMBER AND WOOD PRODUCTS	7,570	7,300	(270)	-3.6%
25	FURNITURE AND FIXTURES	390	470	80	20.5%
32	STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	1,000	1,180	180	18.0%
33	PRIMARY METAL INDUSTRIES	950	790	(160)	-16.8%
34	FABRICATED METAL PRODUCTS	640	720	80	12.5%
35	INDUSTRIAL MACHINERY AND EQUIPMENT	1,010	1,450	440	43.6%
36	ELECTRONIC & OTHER ELECTRICAL EQUIPMENT	240	310	70	29.2%
37	TRANSPORTATION EQUIPMENT	520	580	60	11.5%
38	INSTRUMENTS AND RELATED PRODUCTS	330	380	50	15.2%
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	1,470	2,080	610	41.5%
	NONDURABLE GOODS MANUFACTURING	8,890	8,700	(190)	
20	FOOD & KINDRED PRODUCTS	2,610	1,960	(650)	
22	TEXTILE MILL PRODUCTS	10	10	0	0.0%
23	APPAREL AND TEXTILE PRODUCTS	620	730	110	17.7%
26 27	PAPER & ALLIED PRODUCTS PRINTING & PUBLISHING	790	800	10	1.3%
28	CHEMICALS & ALLIED PRODUCTS	2,940 660	3,250 750	310 90	10.5% 13.6%
29	PETROLEUM AND COAL PRODUCTS	870	740	(130)	
30	RUBBER & MISC. PLASTICS PRODUCTS	300	360	60	20.0%
31	LEATHER & LEATHER PRODUCTS	90	100	10	11.1%
	TRANSPORTATION	12.950	14,020	1,070	8.3%
40	RAILROAD TRANSPORTATION	3,300	3,240	(60)	
41	LOCAL AND INTERURBAN TRANSIT	1,440	1,560	120	8.3%
42	TRUCKING AND WAREHOUSING	6,060	6,770	710	11.7%
44	WATER TRANSPORTATION	30	40	10	33.3%
45	TRANSPORTATION BY AIR	1,240	1,400	160	12.9%
46	PIPE LINES, EXCEPT NATURAL GAS	70	50	(20)	
47	TRANSPORTATION SERVICES	810	960	150	18.5%
	COMMUNICATIONS AND UTILITIES	7,840	8,200	360	4.6%
48	COMMUNICATIONS	3,410	3,470	60	1.8%
49	ELECTRIC, GAS, AND SANITARY SERVICES	4,430	4,730	300	6.8%
40	LEED THIS, OND, AIRD SMITTANT SERVICES	4,430	4,730	300	0.076

Source Research & Analysis Bureau, Montana Department of Labor & Industry *Standard Industrial Classification

MONTANA INDUSTRY EMPLOYMENT Wage-and-Salary Job Projections 1994-2000

			Projected	Jobs	Percent
SIC*		Jobs	Jobs	Gained/Lost	Change
Code	Industry	1994	2000	1994-2000	1994-2000
	WHOLESALE TRADE	17,570	18,840	1,270	7.2%
50	WHOLESALE TRADE, DURABLE GOODS	9,150	9,880	730	8.0%
51	WHOLESALE TRADE, NONDURABLE GOODS	8,420	8,960	540	6.4%
	RETAIL TRADE	74,880	86,340	11,460	15.3%
52	BLDG. MATERIALS & GARDEN SUPPLIES	3,790	4,820	1,030	27.2%
53	GENERAL MERCHANDISE STORES	8,260	8,990	730	8.8%
54	FOOD STORES	10,290	11,640	1,350	13.1%
55	AUTO DEALERS & SERVICE STATIONS	10,330	11,040	710	6.9%
56	APPAREL AND ACCESSORIES STORES	2,470	2,790	320	13.0%
57	FURNITURE & HOMEFURNISHINGS STORES	2,990	3,600	610	20.4%
58	EATING AND DRINKING PLACES	28,920	34,310	5,390	18.6%
59	MISCELLANEOUS RETAIL STORES	7,830	9,150	1,320	16.9%
	FINANCE, INSURANCE, AND REAL ESTATE	15,160	16,810	1,650	10.9%
60	DEPOSITORY INSTITUTIONS	5,930	5,970	40	0.7%
61	NON-DEPOSITORY INSTITUTIONS	670	770	100	14.9%
62	SECURITY & COMMODITY BROKERS	730	870	140	19.2%
63	INSURANCE CARRIERS	1,770	1,940	170	9.6%
	INSURANCE CARRIERS INSURANCE AGENTS, BROKERS & SERVICES	2,040	2,350	310	15.2%
64 CF	REAL ESTATE	3,340	3,910	570	17.1%
65 67	HOLDING & OTHER INVESTMENT OFFICES	3,340 680	1,000	320	47.1%
07	HOLDING & OTHER INVESTIGENT OFFICES	000	1,000	320	47.170
	SERVICES	87,750	104,390	16,640	19.0%
70	HOTELS & OTHER LODGING PLACES	8,400	9,540	1,140	13.6%
72	PERSONAL SERVICES	2,750	2,930	180	6.5%
73	BUSINESS SERVICES	9,300	11,640	2,340	25.2%
75	AUTO REPAIR, SERVICES (INCL. RENTAL) & PARKING	3,170	3,820	650	20.5%
76	MISC. REPAIR SERVICES	1,180	1,380	200	16.9%
78	MOTION PICTURES	1,200	1,430	230	19.2%
79	AMUSEMENT & RECREATION SERVICES	5,950	7,050	1,100	18.5%
80	HEALTH SERVICES, PRIVATE	30,610	35,830	5,220	17.1%
00	801 DOCTORS' OFFICES	4,610	5,380	770	16.7%
	805 NURSING & PERSONAL CARE FACILITIES	5,440	6,640	1,200	22.1%
	806 HOSPITALS	14,520	16,300	1,780	12.3%
	OTHER HEALTH SERVICES	6,040	7,510	1,470	24.3%
81	LEGAL SERVICES	2,260	2,810	550	24.3%
82	EDUCATIONAL SERVICES, PRIVATE	2,500	2,990	490	19.6%
	· · · · · · · · · · · · · · · · · · ·	8,350	11,630	3,280	39.3%
83	SOCIAL SERVICES, PRIVATE	200	230	3,200	15.0%
84	MUSEUMS, BOTANICAL, ZOOLOGICAL GARDENS			(60)	
86	MEMBERSHIP ORGANIZATIONS	5,300	5,240	, ,	17.6%
87	ENGINEERING & MANAGEMENT SERVICES	5,900	6,940	1,040	40.0%
88	PRIVATE HOUSEHOLDS	550	770	220	23.1%
89	MISC. SERVICES	130	160	30	23.1%
	GOVERNMENT	67,900	70,700	2,800	4.1%
	FEDERAL GOVERNMENT, CIVILIAN	13,600	13,120	(480)	
	STATE GOVERNMENT, TOTAL	17,890	19,450	1,560	8.7%
	STATE GOVERNMENT, EDUCATION	6,540	8,280	1,740	26.6%
	STATE GOVERNMENT, OTHER	11,350	11,170	(180)	-16%
	LOCAL GOVERNMENT, TOTAL	36,410	38,130	1,720	4.7%
	LOCAL GOVERNMENT, EDUCATION	23,490	24,640	1,150	4 9%
	LOCAL GOVERNMENT, OTHER	12,920	13,490	570	4.4%
		,			

Source: Research & Analysis Bureau, Montana Department of Labor & Industry

^{*}Standard Industrial Classification

Job Projections for Montana's Occupations, 1994—2000

Occupational Job Projections, 1994-2000

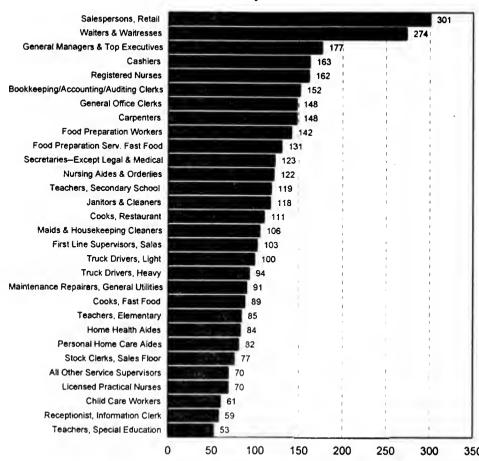
The Montana Department of Labor and Industry's Research and Analysis Bureau estimates about 85,200 wage-and-salary jobs opening up in Montana from 1994 through 2000. This includes not only the 39,560 jobs generated as a result of industry growth—but also jobs becoming available when workers leave already existing jobs for various reasons. All in all, Montana workers can expect to see about 14,200 full- and part-time job openings a year.

Occupations Projected to Show Job Growth

Retail trade (including eating & drinking places), health services and education continue to provide the most job opportunities for Montanans. Heading up the list of job growth in Montana are retail salespersons—followed by waiters & waitresses, general managers & top executives, cashiers, registered nurses, bookkeeping/accounting/auditing personnel, general office clerks and carpenters.

The chart below lists those occupations projected to show the most job growth through the year 2000 due only to industry growth and changes in occupational structures within industries.

Montana's Growing Occupations Jobs Gained Annually Due to Growth 1994-2000



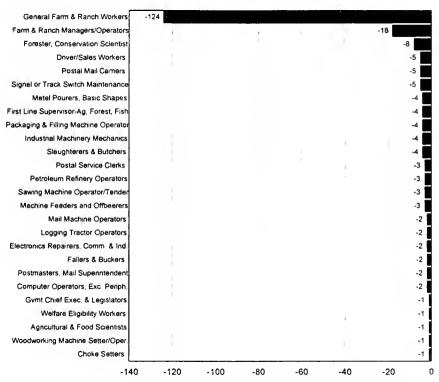
Source: Montana Dept. of Labor & Industry's Research & Analysis Bureau

Occupations Projected to Show Job Declines

Not many of Montana's occupations are projected to show actual declines in jobs. Most of the ones that are, however, are in the farming and ranching, forestry, manufacturing and railroad industries. The occupation projected to lose the most jobs, by far, is that of general farm & ranch worker—with an estimated loss of 124 jobs per year through the year 2000. Jobs within the farm & ranch manager/operator occupation are projected to decline by an average of 18 jobs per year. The forester, conservation scientist occupation is projected to lose 8 jobs per year. Estimated to lose about 5 jobs a year are the driver/sales worker, postal mail carrier, and signal or track switch maintenance worker occupations.

The table below shows those occupations that are projected to lose jobs through the year 2000 due to industry decline and changes in occupational structures within industries.

Montana's Declining Occupations Jobs Lost Annually Due to Decline 1994-2000



Occupations Increasing Due to Both Growth AND Replacements

In addition to showing occupations in Montana which are growing or declining, the Research and Analysis Bureau also projects annual job openings based on growth AND replacements. Growth is the increase in demand for workers in specific occupations—and replacements arise from the need to replace workers leaving the labor force (i.e., due to death, retirement, going home to care for children or a sick relative, taking a job in another state, etc.).

Source: Montana Dept. of Labor & Industry's Research & Analysis Bureau

Usually openings resulting from replacement needs are greater than those from increased demand—and more jobs will generally be available in large occupations that

experience a need to replace workers rather than in occupations experiencing actual growth in demand. Job openings due to growth AND replacements may differ from openings due to just growth.

In Montana, the top 10 occupations with the largest numbers of projected annual job openings from growth and replacements are retail salespersons, waiters & waitresses, cashiers, food preparation/service fast-food workers, food preparation workers, general office clerks, bookkeeping/accounting/auditing clerks, general managers & top executives, secretaries (except legal and medical) and janitors & cleaners. Most of these occupations are also among the top 10 occupations projected to show increases in jobs due to industry growth (see page 10).

The table below shows those occupations adding more than 100 jobs a year through the year 2000 because of both an increase in demand AND the replacement of workers leaving jobs for a variety of reasons.

Estimated Annual Job Openings Due to Growth AND Replacements In Montana, 1994-2000

Occupation	Annual Job Openings
Salespersons, Retail	802
Waiters & Waitresses	674
Cashiers	532
Food Preparation/Servers, Fast Food	366
Food Preparation Workers	310
General Office Clerks	306
Bookkeeping/Accounting/Auditing Clerks	293
General Managers & Top Exec.	291
Secretaries, Except Legal & Medical	283
Janitors & Cleaners	254
Registered Nurses	243
Teachers, Secondary School	224
Carpenters	210
Cooks, Restaurant	194
Teachers, Elementary	188
Truck Drivers, Heavy	186
First Line Supervisors, Sales	176
Nursing Aides & Orderlies	170
Maids & Housekeeping Cleaners	168
Cooks, Fast Food	166
Bartenders	161
Truck Drivers, Light	155
Stock Clerks, Sales Floor	153
Maintenance Repairers, Gen. Util.	150
Dining Room & Bartender Helpers	130
All Other Helpers, Laborers, Movers	126
First Line Supervisors, Clerical	122
All Other Service Supervisors	109
Licensed Practical Nurses	105
Other Sales Reps, Except Retail	105

Source: Montana Department of Labor & Industry's Research & Analysis Bureau

Specific Job Projections by Occupation Presented 2 Different Ways

Please refer to the following pages of data for specific occupational job projection information. Identical information is presented to you in 2 different ways for your convenience:

- FIRST, occupational job projection information ranked according to total (1994-2000) growth is presented on pages 13-24 of this publication.
- Second, the same occupational job projection information is presented in alphabetical order, by occupation, on Yellow pages 25-36.

Wage-and-Salary Job Projections 1994-2000 Ranked by Total Growth

	Jobs	Projected Jobs	Total	Annual	Annual Replace-	Annual Open-
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	ings*
SALESPERSONS, RETAIL	13638	15443	1805	301	501	802
WAITERS AND WAITRESSES	8191	9834	1643	274	400	674
GENERAL MANAGERS AND TOP EXEC.	8025	9089	1064	177	114	291
CASHIERS	7678	8655	977	163	369	532
REGISTERED NURSES	6396	7368	972	162	81	243
BOOKKEEPING/ACCOUNT/AUDIT CLERKS	7848	8759	911	152	141	293
GENERAL OFFICE CLERKS	8658	9548	890	148	158	306
CARPENTERS	3026	3912	886	148	62	210
FOOD PREPARATION WORKERS	4512	5366	854	142	168	310
FOOD PREPARATION, SERV. FAST-FOOD	6326	7111	785	131	235	366
SECRETARIES, EXCEPT LEGAL & MEDICAL	7355	8095	740	123	160	283
NURSING AIDES AND ORDERLIES	4446	5175	729	122	48	170
TEACHERS, SECONDARY SCHOOL	5114	5825	711	119	105	224
JANITORS AND CLEANERS	6646	7351	705	119	136	254
COOKS, RESTAURANT	2681	3347	666	111	83	194
MAIDS AND HOUSEKEEPING CLEANERS	4542	5177	635	106	62	168
FIRST LINE SUPERVISORS, SALES	4707	5324	617	103	73	176
TRUCK DRIVERS, LIGHT	3482	4082	600	100	55	155
TRUCK DRIVERS, HEAVY	5883	6447	564	94	92	186
MAINTENANCE REPAIRERS, GEN.UTIL.	3887	4431	544	91	59	150
COOKS, FAST-FOOD	2461	2997	536	89	77	166
TEACHERS, ELEMENTARY	6656	7163	507	85	103	188
HOME HEALTH AIDES	1631	2133	502	84	18	102
PERSONAL HOME CARE AIDES	1435	1924	489	82	14	96
STOCK CLERKS, SALES FLOOR	3398	3861	463	77	76	153
ALL OTHER SERVICE SUPERVISORS	2256	2675	419	70	3 9	109
LICENSED PRACTICAL NURSES	2568	2986	418	70	35	105
CHILD CARE WORKERS	1265	1629	364	61	8	69
RECEPTIONISTS, INFORMATION CLERK	2473	2824	351	59	43	102
TEACHERS, SPECIAL EDUCATION	1093	1409	316	53	10	63
RESIDENTIAL COUNSELORS	816	1131	315	53	12	65
FIRST LINE SUPERVISORS, CLERICAL	3175	3486	311	52	70	122
TEACHERS, PRESCHOOL & KINDERGARTEN	1205	1507	302	50	8	58
FIRST LINE SUPERV. CONST. EXTRAC.	1460	1759	299	50	33	83
ALL OTHER ASSEMBLERS, FABRICATOR	1542	1827	285	48	24	72
ACCOUNTANTS AND AUDITORS	2197	2479	282	47	30	77
OTHER SALES REPS, EXC. RETAIL	2908	3172	264	44	61	105
COOKS, SHORT-ORDER	1292	1547	255	43	40	83
ALL OTHER HELPER, LABORER, MOVER	3566	3818	252	42	84	126
TEACHER AIDES & EDUC. ASSISTANTS	1285	1534	249	42	12	54
GUARDS	1220	1459	239	40	24	64
HELPERS, CARPENTERS	676	904	228	38	27	65
GARDENERS & GROUNDSKEEP, EXCP FARM	1213	1437	224	37	25	62
LAWYERS	1268	1489	221	37	16	53
DINING ROOM & BARTENDER HELPERS	1352	1570	218	36	94	130
AMUSEMENT & RECREATION ATTENDANT	1226	1440	214	36	56	92
HOTEL DESK CLERKS	1287	1499	212	35	53	88
AUTOMOTIVE MECHANICS	2041	2252	211	35	57	92
BUS DRIVERS, SCHOOL	1856	2055	199	33	21	54
FINANCIAL MANAGERS	1368	1551	183	31	18	49
COUNTER AND RENTAL CLERKS	1034	1216	182	30	20	50
HUMAN SERVICES WORKERS	664	846	182	30	6	36
INSTRUCTORS AND COACHES, SPORTS	1592	1773	181	30	6	36
LEGAL SECRETARIES	664	842	178	30	14	44
BARTENDERS	3829	4002	173	29	132	161
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Wage-and-Salary Job Projections 1994-2000 Ranked by Total Growth

		Projected			Annual	Annual
	Jobs	Jobs	Total	Annual	Replace-	Open-
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	ings*
SOCIAL WORKERS, EX. MED.& PSYCH.	1019	1184	165	28	8	36
TYPISTS, INCL. WORD PROCESSING	1186	1351	165	28	20	48
TEACHERS AIDES, PARAPROFESSIONAL	953	1112	159	27	9	36
CORRECTION OFFICERS AND JAILERS	626	779	153	26	6	32
ALL OTHER SERVICE WORKERS	719	864	145	24	8	32
ELECTRICIANS	1146	1290	144	24	21	45
COOKS, INSTITUTION OR CAFETERIA	1479	1622	143	24	46	70
HAND PACKERS AND PACKAGERS	1201	1343	142	24	26	50
TRAFFIC, SHIPPING, & REC. CLERKS	1950	2092	142	24	23	47
STOCK CLERKS: STOCKROOM OR WAREH.	1377	1518	141	24	31	5 5
HOSTS & HOSTESSES: REST., LOUNGE	647	782	135	23	11	34
SEWING MACH. OPER., NON-GARMENT	389	523	134	22	8	30
FOOD SERVICE & LODGING MANAGERS	902	1033	131	22	13	35
LAUNDRY, DRY-CLEANING MACH. OPER.	645	766	121	20	12	32
AUTOMOTIVE BODY, RELATED REPAIRER	691	812	121	20	16	36
WELDERS AND CUTTERS	718	836	118	20	18	38
SALESPERSONS, PARTS	1440	1557	117	20	47	67
PARALEGALS	315	431	116	19	1	20
VEHICLE, EQUIPMENT CLEANERS	811	926	115	19	13	32
TEACHERS, VOCATIONAL EDUCATION	878	992	114	19	3	22
BUS, TRUCK, DIESEL ENG. MECHANIC	1032	1145	113	19	26	45
PLUMBER, PIPEFITTER, STEAMFITTER	732	845	113	19	16	35
VENDORS, SOLICITORS, DOOR-TO-DOOR	577	689	112	19	17	36
DENTAL ASSISTANTS	709	815	106	18	18	36
MEDICAL SECRETARIES	662	768	106	18	14	32
WHOLESALE, RETAIL BUYERS, EX. FARM	852	957	105	18	23	41
INSURANCE SALES WORKERS	803	908	105	18	16	34
SERVICE STATION ATTENDANTS	1173	1277	104	17	56	73
PHYSICIANS	721	822	101	17	12	29
BAKERS, BREAD AND PASTRY	720	820	100	17	22	39
COST ESTIMATORS	453	550	97	16	4	20
ALL OTHER PROF., PARAPROF., TECHN.	1202	1297	95	16	21	37
GRADER, DOZER, SCRAPER OPERATORS	534	629	95	16	10	26
INSTRUCTORS, NONVOCATIONAL EDUC.	552	646	94	16	2	18
ALL OTHER HAND WORKERS	503	595	92	15	10	25
SYSTEMS ANALYSTS	403	492	89	15	2	17
CONCRETE AND TERRAZZO FINISHERS	410	498	88	15	12	27
ALL OTHER HAND MATERIAL MOVERS	1513	1599	86	14	76	90
FOOD SERVERS	487	572	85	14	52	66
GRADUATE ASSISTANTS, TEACHING	792	876	84	14	22	36
PAINTERS AND PAPERHANGERS	485	568	83	14	11	25
COMPUTER PROGRAMMERS	615	698	83	14	14	28
HEATING, A/C, REFRIG. MECHANICS	465	548	83	14	8	22
MACHINISTS	584	666	82	14	13	27
DATA ENTRY KEYERS, EX. COMPOSING	561	642	81	14	3	17
EDUCATION ADMINISTRATORS	1064	1145	81	14	21	35
MEDICINE AND HEALTH SERV. MGRS	568	647	79	13	8	21
FIRST LINE SUPERV. MECH.& REPAIR	1189	1267	78	13	35	48
NURSERY WORKERS	490	568	78	13	15	28
SOCIAL WORKER, MED.& PSYCHIATRIC	480	557	77	13	4	
CONSTRUCTION MANAGERS	333	409	76	13	5	17 18
COUNTER ATTENDANTS	597	673	76 76	13	64	
BILLING, COST AND RATE CLERKS	1076	1151	76 75	13		77
PHARMACISTS	503	578	75 75	13	33	46
	203				7	20
		-NU	mners mea	not add	due to rou	naing.

Wage-and-Salary Job Projections 1994-2000 Ranked by Total Growth

		Projected			Annual	Annual
	Jobs	Jobs	Total	Annual	Replace-	Open-
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	ings*
MEDICAL ASSISTANTS	463	537	74	12	6	18
FIRST LINE SUPERV. PRODUCTION	960	1034	74	12	28	40
SECURITIES, FINANCIAL SERV.SALES	427	501	74	12	5	17
TRANSPORTATION AGENTS	576	650	74	12	10	22
COUNSELORS	531	604	73	12	8	20
ALL OTHER FOOD SERVICE WORKERS	399	471	72	12	19	31
MARKETING, ADV., PUBLIC REL.MGRS	649	721	72	12	11	23
SWITCHBOARD OPERATORS	494	566	72	12	13	25
DRAFTERS	483	554	71	12	14	26
TRAVEL AGENTS	386	457	71	12	8	20
DESIGNERS, EXC. INTERIOR DESIGN.	428	497	69	12	5	17
ALL OTHER SALES & RELATED OCC.	461	529	68	11	19	30
MED./CLINICAL LAB. TECHNOLOGISTS	476	544	68	11	7	18
MECHANIC AND REPAIRER HELPERS	484	551	67	11	17	28
HIGHWAY MAINTENANCE WORKERS	707	773	66	11	8	19
HAIRDRESSERS AND COSMETOLOGISTS	931	997	66	11	12	23
EXCAVATION LOADING MACHINE OPER.	395	460	65	11	8	19
INSURANCE POLICY PROCESS. CLERKS	486	550	64	11	12	23
BUTCHERS AND MEAT CUTTERS	517	581	64	11	14	25
BILL AND ACCOUNT COLLECTORS	449	513	64	11	4	15
SALES AGENTS, ADVERTISING	626	690	64	11	10	21
ORDER FILLERS, SALES	721	784	63	11	14	25
ALL OTHER MANAGERS & ADMINISTRATORS	877	940	63	11	13	24
PHYSICAL THERAPISTS	384	444	60	10	5	15
OPERATING ENGINEERS	1242	1302	60	10	16	26
EMERGENCY MEDICAL TECHNICIANS	489	549	60	10	6	16
DENTAL HYGIENISTS	372	431	59	10	4	14
OPTICIANS, DISPENSING & MEASUR.	358	416	58	10	4	14
ALL OTHER MANAGEMENT SUPPORT WRKS	862	919	57	10	13	23
ELECTRICAL POWERLINE INSTAL/RPR.	716	772	56	9	19	28
ALL OTHER HEALTH PROF., PARA, TECH	636	692	56	9	8	17
PERSONNEL, TRAIN., LABOR REL. SPEC	767	822	55	9	10	19
INDUSTRIAL TRUCK & TRACTOR OPER.	1268	1323	55	9	25	34
ALL OTHER POST SECONDARY TEACHERS	513	568	55	9	14	23
ALL OTHER HEALTH SERVICE WORKERS	357	411	54	9	3	12
INSURANCE ADJUSTERS, INVESTIGATORS	276	330	54	9	1	10
SALES REPS, SCIENTIF. PROD. EXC. RET	464	517	53	9	10	19
PURCHASING MANAGERS	440	493	53	9	7	16
SEWING MACH. OPERATOR, GARMENT	190	242	52	9	4	13
MOBILE HEAVY EQUIPMENT MECHANICS	750	802	52	9	22	31
ALL OTHER MECHANICS, INSTALLERS	568	619	51	9	7	16
CIVIL ENGINEERS, INCL. TRAFFIC	811	862	51	9	20	29
MAIL CLERKS, EXC. MAIL MACHINE	412	463	51	9	15	24
HOUSEKEEPERS SUPV, INSTITUTIONAL	328	379	51	9	8	17
ADMINISTRATIVE SERVICE MANAGERS	422	473	51	9	6	15
ADJUSTMENT CLERKS	364	414	50	8	2	10
ALL OTHER CLEAN, BUILDING SERVICE	786	835	49	8	15	23
SHEET METAL WORKERS	234	282	48	8	6	14
PROPERTY & REAL ESTATE MANAGERS	241	289	48	8	3	11
FENCE ERECTORS	241	289	48	8	3	11
RECREATION WORKERS	325	373	4.8	8	3	11
RADIOLOGICAL TECHNOLOGISTS	322	369	47	8	4	12
SALES AGENTS, BUSINESS SERVICES	345	392	47	8	5	13
MEDICAL RECORDS TECHN.	334	380	46	8	4	12
SCREEN PRINTING MACH. SETTER/OP.	206	252	46	8	4	12
MED./CLINICAL LAB. TECHNICIANS	295	340	45	8	4	12
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Wage-and-Salary Job Projections 1994-2000 Ranked by Total Growth

Occupational Title	Jobs YR 1994	Projected Jobs YR 2000	Total Growth	Annual Growth	Annual Replace- ments	Annual Open- Ings*
TIRE REPAIRERS AND CHANGERS	532	577	45	8	25	33
FILE CLERKS	381	426	45	8	16	24
LAWN MAINTENANCE WORKERS	185	230	45	8	4	12
CABINETMAKERS & BENCH CARPENTERS	360	404	44	7	8	15
ORDER CLERKS: MATERIALS, SERVICE	358	401	43	7	7	14
INTERVIEWING CLERKS, EX. PERSONNEL	259	301	42	7	8	15
ALL OTHER MACHINE OPERATORS	728	769	41	7	15	22
RESPIRATORY THERAPISTS	251	291	40	7	3	10
PSYCHOLOGISTS	238	278	40	7	1	8
ELECTRICAL & ELECTRONIC ENGINEER	366	405	39	7	7	14
ENGINEER., MATH., NAT. SCI. MGR.	517	556	39	7	7	14
FOREST AND CONSERVATION WORKERS	618	657	39	7	16	23
RAILROAD CONDUCTORS, YARDMASTERS	360	398	38	6	2	8
GLAZIERS	159	197	38	6	4	10
BUS DRIVERS	229	266	37	6	3	9
ANIMAL CARETAKERS, EXCEPT FARM	346	383	37	6	6	12
INSURANCE CLAIMS CLERKS	285	322	37	6	2	8
PHYSICAL, CORRECT. THERAPY ASSIST	232	269	37	6	2	8
PHOTOGRAPHIC PROCESSING MACH.OP.	156	192	36	6	5	11
ROOFERS	176	212	36	6	3	9
SALES AGENTS, REAL ESTATE	262	298	36	6	4	10
RADIOLOGICAL TECHNICIANS	219	254	35	6	3	9
SPEECH PATHOLOGISTS, AUDIOLOGISTS	280	314	34	6	4	
MECHANICAL ENGINEERS					=	10
	240	274	34	6	5	11
INSPECTORS & COMPLIANCE OFFICERS	777	811	34	6	12	18
REPORTERS AND CORRESPONDENTS	281	313	32	5	4	9
VETERINARIANS, VET. INSPECTORS	177	209	32	5	3	8
ELECTRICAL, ELECTRN ASSEMB, PRECIS	109	141	32	5	2	7
SURGICAL TECHNICIANS	196	227	31	5	2	7
TELEPHONE & CABLE TV INSTAL/RPR.	554	585	31	5	12	17
TAX PREPARERS	232	263	31	5	3	8
ELECTRICAL & ELECTRONIC TECHN.	433	464	31	5	5	10
ARCHITECTS, EXC. LAND. & MARINE PERSONNEL, TRAINING, LABOR REL.MGR	180	210	30	5	2	7
·	209	239	30	5	5	10
VETERINARY ASSISTANTS DENTISTS	128	158	30	5	3	8
	190	220	30	5	4	9
PAVING, SURFACING, TAMPING	196	226	30	5	4	9
ALL OTHER PHYSICAL SCIENTISTS	212	242	30	5	6	11
PUBLIC RELATIONS SPECIALISTS	382	412	30	5	7	12
HELPERS, PLUMBERS, PIPEFITTERS	149	178	29	5	6	11
ARTISTS AND COMMERCIAL ARTISTS	169	197	28	5	3	8
CHEMISTS	273	301	28	5	6	11
PAINTING AND COATING, HAND	138	165	27	5	3	8
FIRST LINE SUPERVISORS, ALL OTHER	327	354	27	5	6	11
LIFE SCIENCE TEACHERS, POSTSECD	255	282	27	5	7	12
WRITERS AND EDITORS	307	334	27	5	4	9
ALL OTHER MATERIAL MOVING OPER.	295	322	27	5	3	8
ALL OTHER AGRIC., FOREST, FISH.	834	861	27	5	26	31
BLASTERS AND EXPLOSIVES WORKERS	245	272	27	5	2	7
LOAN AND CREDIT CLERKS	574	600	26	4	7	11
DISPATCHER: POLICE, FIRE, AMBULANCE	651	677	26	4	8	12
ELECTR. HOME APPL. & POWER TOOL	180	206	26	4	5	9
INSULATION WORKERS	129	155	26	4	5	9
COMMUNICATION, TRANSP., UTIL.MGRS	384	409	25	4	5	9
OPTOMETRISTS	167	192	25	4	3	7
PIPELAYERS	158	182	24		2	

Wage-and-Salary Job Projections 1994-2000 Ranked by Total Growth

	Projected				Annual Annual			
	Jobs	Jobs	Total	Annual	Replace-	Open-		
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	ings*		
DISPATCHER: EXC. POL., FIRE, AMB.	264	288	24	4	3	7		
BANK TELLERS	1737	1761	24	4	84	88		
OFFICE MACHINE, REGISTER SERVICER	265	288	23	4	10	14		
COURT CLERKS	274	297	23	4	1	5		
GEOLOGIST, GEOPHYSICIST, OCEANOG	277	300	23	4	7	11		
LOAN OFFICERS AND COUNSELORS	977	1000	23	4	12	16		
DEMONSTRATORS, PROMOTERS, MODELS	121	144	23	4	5	9		
ELECTRICAL, ELECTRONIC ASSEMBLER	79	102	23	4	1	5		
BRICK MASONS	111	134	23	4	2	6		
SOCIAL SCIENCE TEACHERS, POSTSECD	209	231	22	4	6	10		
PRINTING PRESS MACHINE OPERATOR	135	156	21	4	3	7		
EARTH DRILLERS, EX. OIL & GAS	165	186	21	4	4	8		
CIVIL ENGINEERING TECHNICIANS	447	468	21	4	9	13		
BILL, POST, CALCULATE MACH OPER.	224	244	20	3	10	13		
TITLE EXAMINERS AND ABSTRACTORS	143	163	20	3	1	4		
DENTAL LABORATORY TECHNICIANS	117	136	19	3	4	7		
SHERIFFS AND DEPUTY SHERIFFS	665	684	19	3	9 •	12		
ENGLISH/FOREIGN LANG.TEACHR, POST	174	193	19	3	5	8		
MESSENGERS	148	167	19	3	3	6		
HELPERS, ELECTRICIANS	209	227	18	3	8	11		
SPRAYERS/APPLICATORS	76	94	18	3	2	5		
DATA PROCESSING EQUIP. REPAIRERS	107	125	18	3	1	4		
STENOGRAPHERS	184	202	18	3	4	7		
RESERVATION & TRANS.TICKET AGENT	137	155	18	3	3	6		
LIBRARY ASSISTANTS & BOOKMOBILE	381	399	18	3	17	20		
ART, DRAMA, MUSIC TEACHR, POSTSECD	167	185	18	3	5	8		
PAINTERS, TRANSPORTATION EQUIP.	87	104	17	3	2	5		
BAGGAGE PORTERS AND BELLHOPS	83	100	17	3	1	4		
TECHNICAL ASSISTANTS, LIBRARY	175	192	17	3	3	6		
HELPERS, BRICK & MASONS	85	102	17	3	3	6		
FURNACE, KILN, OVEN, KETTLE OPER.	219	236	17	3	3	6		
LIBRARIANS, PROFESSIONAL	653	670	17	3	13	16		
OCCUPATIONAL THERAPISTS	100	116	16	3	1	4		
SURVEYING & MAPPING SCIENTISTS	175	191	16	3	4	7		
AIRCRAFT PILOTS, FLIGHT ENGINEER	130	146	16	3	3	6		
PROCUREMENT CLERKS	222	238	16	3	5	8		
MERCHANDISE DISPLAYERS	188	204	16	3	2	5		
DIETICIANS AND NUTRITIONISTS	137	153	16	3	3	6		
INTERIOR DESIGNERS	71	87	16	3	1	4		
ALL OTHER SCIENCE TECHNICIANS	278	294	16	3	6	9		
OFFSET LITHOGRAPHIC PRESS SETTER	152	167	15	3	3	6		
SHEET METAL DUCT INSTALLERS	72	87	15	3	2	5		
POWER GENERATING PLANT OPERATOR	216	231	15	3	5	8		
PRODUCTION, EXPEDITING CLERKS	199	214	15	3	4	7		
METAL FABRICATORS, STRUCTURAL MET	96	111	15	3	2	5		
ROUSTABOUTS	165	180	15	3	1	4		
PHARMACY ASSISTANTS	97	112	15	3	1	4		
FARM EQUIPMENT MECHANICS	288	303	15	3	8	11		
ALL OTHER ELECTRIC, ELECTRO. MECH	75	90	15	3	2	5		
FIRST LINE SUPERV. TRANSPORT.	502	517	15	3	12	15		
ALL OTHER FINANCIAL SPECIALISTS	241	256	15	3	3	6		
TAXI DRIVERS AND CHAUFFEURS	127	141	14	2	1	3		
ALL OTHER CONSTRUCTION WORKERS	77	91	14	2	1	3		
HELPERS, ALL OTHER CONSTRUCTION	242	256	14	2	10	12		
ALL OTHER MINING MACH. OPERATORS	126	140	14	2	1	3		
MOTION PICTURE PROJECTIONISTS	74	88	14	2	2	4		
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Wage-and-Salary Job Projections 1994-2000 Ranked by Total Growth

Cocupational Title			Projected			Annual	Annual
No. Compational Title		Jobs	•	Total	Annual	Replace-	Open-
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ADVERTISING CLERKS 96 107 11 2 2 2 4 SERVICE UNIT OPERATORS 139 150 11 2 1 3 REINFORCING METAL WORKERS 54 65 11 2 1 3 ARIFORCING METAL WORKERS 54 65 11 2 1 3 ARIFORCING METAL WORKERS 54 65 11 2 6 8 BINDUSTRIAL PRODUCTION MANAGERS 170 180 10 2 2 2 4 METER & WASTE TREAT. PLANT OPER. 250 261 11 2 6 8 BINDUSTRIAL PRODUCTION MANAGERS 170 180 10 2 2 2 4 METER READERS, UTILITIES 252 262 10 2 5 7 PASTEUP WORKERS 103 113 10 2 2 2 4 INSTRUCTIONAL COORDINATORS 192 202 10 2 1 3 ALL OTHER SERVICE SALES OCC. 56 66 10 2 2 2 4 BROKERAGE CLERKS 48 58 10 2 1 3 ALL OTHER SERVICE SALES OCC. 56 66 66 10 2 2 2 4 BROKERAGE CLERKS, EXCEPT PAYROLL 223 233 10 2 6 8 BPERSONNEL CLERKS, EXCEPT PAYROLL 223 233 10 2 6 8 BPERSONNEL CLERKS, EXCEPT PAYROLL 223 233 10 2 2 3 5 POLICE PATROL OFFICERS 798 808 10 2 277 29 ALL OTHER TEACHERS, INSTRUCTORS 64 74 10 2 0 2 2 ALL OTHER LIFE SCIENTISTS 211 221 10 2 6 8 BREAL ESTATE APPRAISERS 90 100 10 10 2 1 3 3 ALL OTHER MACHINERY MECHANICS 147 157 10 2 3 5 GUIDES 65 75 10 2 3 5 GUIDES 65 75 10 2 3 5 GUIDES 65 75 10 2 1 3 AMBULANCE DRIVERY MECHANICS 47 57 10 2 1 3 AMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 1 1 3 AMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 1 1 3 AMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 1 1 3 AMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 2 2 4 CRUSHING & MIXING MACHINE OPER. 520 529 9 2 1 13 15 ALL OTHER PLANT AND SYSTEM OCC. 86 95 9 2 2 2 4 PAINTING MACH. OPER. & TENDERS 95 104 9 2 5 5 7 HEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 5 5 7 THEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 5 5 7 THEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 5 5 7 THEALTH SPECIALTIES TEACHR, POSTSECD 82 91 91 9 2 5 5 7 THEALTH SPECIALTIES TEACHR, POSTSECD 82 91 91 9 2 2 5 5 7 THEALTH SPECIALTIES TEACHR, POSTSECD 82 91 91 9 2 2 5 5 7 THEALTH SPECIALTIES TEACHR, POSTSECD 82 91 91 91 92 2 5 5 7 THEALTH SPECIALTIES TEACHR, POSTSECD 82 91 91 91 92 2 2 2 4 THEALTH SPECIALTIES TEACHR, POSTSECD 82 91 91 91 91 91 91 91 91 91 91 91 91 91	STRUCTURAL METAL WORKERS	30	41	11	2	1	3
SERVICE UNIT OPERATORS 139	MANAGEMENT ANALYSTS	138	149	11	2	1	3
REINFORCING METAL WORKERS 54 65 11 2 1 3 WATER & WASTE TREAT. PLANT OPER. 250 261 11 2 6 8 INDUSTRIAL PRODUCTION MANAGERS 170 180 10 2 2 4 METER READERS, UTILITIES 252 262 10 2 5 7 PASTEUP WORKERS 103 113 10 2 2 4 INSTRUCTIONAL COORDINATORS 192 202 10 2 1 3 ALL OTHER SERVICE SALES OCC. 56 66 10 2 2 1 3 ALL OTHER SERVICE SALES OCC. 56 66 10 2 2 1 3 TAX EXAMINER, COLLECTOR, REV. AGENT 329 339 10 2 6 8 PERSONNEL CLERKS 48 58 10 2 1 3 TAX EXAMINER, COLLECTOR, REV. AGENT 329 339 10 2 6 8 PERSONNEL CLERKS, EXCEPT PAYROLL 223 23 23 10 2 3 5 POLICE PATROL OFFICERS 798 808 10 2 27 29 ALL OTHER TEACHERS, INSTRUCTORS 64 74 10 2 0 2 ALL OTHER LIFE SCIENTISTS 211 221 10 2 6 8 REAL ESTATE APPRAISERS 90 100 10 2 1 3 ALL OTHER MACHINERY MECHANICS 147 157 10 2 3 5 GUIDES 65 75 10 2 3 5 UPHOLSTERERS 47 57 10 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MISHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 2 4 CRUSHING & MIXING MACHINE OPER. 520 529 9 2 13 15 ALL OTHER PLANT AND SYSTEM OCC. 86 95 9 2 2 2 4 PAINTING MACH. OPER. & TENDERS 95 104 9 2 5 7 HEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 2 5 7	ADVERTISING CLERKS	96	107	11	2	2	4
WATER & WASTE TREAT. PLANT OPER. 250 261 11 2 6 8 INDUSTRIAL PRODUCTION MANAGERS 170 180 10 2 2 2 4 METER READERS, UTILITIES 252 262 10 2 5 7 PASTEUP WORKERS 103 113 10 2 2 2 4 INSTRUCTIONAL COORDINATORS 192 202 10 2 1 3 ALL OTHER SERVICE SALES OCC. 56 66 10 2 2 2 4 BROKERAGE CLERKS 48 58 10 2 1 3 TAX EXAMINER, COLLECTOR, REV. AGENT 329 339 10 2 6 8 PERSONNEL CLERKS, EXCEPT PAYROLL 223 233 10 2 3 5 POLICE PATROL OFFICERS 798 808 10 2 27 29 ALL OTHER TEACHERS, INSTRUCTORS 64 74 10 2 0 2 ALL OTHER LIFE SCIENTISTS 211 221 10 2 6 8 REAL ESTATE APPRAISERS 90 100 10 2 1 3 ALL OTHER MACHINERY MECHANICS 147 157 10 2 6 8 REAL ESTATE APPRAISERS 47 57 10 2 3 5 GUIDES 65 75 10 2 3 5 GUIDES 65 75 10 2 3 5 GUIDES 65 75 10 2 3 5 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 USHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 2 1 3 USHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 2 2 4 CRUSHING & MIXING MACHINE OPER. 520 529 9 2 13 15 ALL OTHER PLANT AND SYSTEM OCC. 86 95 9 2 2 2 4 PAINTING MACH. OPER. & TENDERS 95 104 9 2 5 7 HEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 2 5 7	SERVICE UNIT OPERATORS	139	150	11	2	1	3
INDUSTRIAL PRODUCTION MANAGERS 170 180 10 2 2 2 4 4 METER READERS, UTILITIES 252 262 10 2 5 7 PASTEUP WORKERS 103 113 10 2 2 4 1 1 3 11 10 2 2 2 4 1 1 3 11 10 2 2 2 4 1 1 3 1 10 2 2 2 4 1 1 3 1 10 2 2 2 4 1 1 3 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1	REINFORCING METAL WORKERS	54	65	11	2	1	3
METER READERS, UTILITIES 252 262 10 2 5 7 PASTEUP WORKERS 103 113 10 2 2 4 INSTRUCTIONAL COORDINATORS 192 202 10 2 1 3 ALL OTHER SERVICE SALES OCC. 56 66 10 2 2 2 4 BROKERAGE CLERKS 48 58 10 2 1 3 TAX EXAMINER, COLLECTOR, REV. AGENT 329 339 10 2 6 8 PERSONNEL CLERKS, EXCEPT PAYROLL 223 23 23 10 2 3 5 POLICE PATROL OFFICERS 798 808 10 2 27 29 ALL OTHER TEACHERS, INSTRUCTORS 64 74 10 2 0 2 ALL OTHER LIFE SCIENTISTS 211 221 10 2 6 8 REAL ESTATE APPRAISERS 90 100 10 2 1 3 ALL OTHER MACHINERY MECHANICS 147 157 10 2 3 5 GUIDES 65 75 10 2 3 5 GUIDES 65 75 10 2 3 5 UPHOLSTERERS 47 57 10 2 1 3 AMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 1 3 AMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 1 3 USHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 1 3 USHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 2 4 CRUSHING & MIXING MACHINE OPER. 520 529 9 2 2 13 15 ALL OTHER PLANT AND SYSTEM OCC. 86 95 9 2 2 2 4 PAINTING MACH. OPER. & TENDERS 95 104 99 2 5 7 HEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 2 5 7	WATER & WASTE TREAT. PLANT OPER.	250	261	11	2	6	8
PASTEUP WORKERS 103 113 10 2 2 4 INSTRUCTIONAL COORDINATORS 192 202 10 2 1 3 ALL OTHER SERVICE SALES OCC. 56 66 10 2 2 4 BROKERAGE CLERKS 48 58 10 2 1 3 TAX EXAMINER, COLLECTOR, REV. AGENT 329 339 10 2 6 8 PERSONNEL CLERKS, EXCEPT PAYROLL 223 23 33 10 2 3 5 POLICE PATROL OFFICERS 798 808 10 2 2 7 2 7 ALL OTHER TEACHERS, INSTRUCTORS 64 74 10 2 0 2 7 ALL OTHER LIFE SCIENTISTS 211 211 0 2 6 8 REAL ESTATE APPRAISERS 90 100 10 2 1 3 ALL OTHER MACHINERY MECHANICS 147 157 10 2 3 5 GUIDES 47 47 57 10 2 3 5 UPHOLSTERERS 47 57 10 2 1 3 AMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 1 3 USHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 1 3 USHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 1 3 CUSTOMER SERVICE REPS, UTILITIES 95 CUSTOMER SERVICE REPS, UTILITIES 231 240 9 2 5 7 HEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 4 CUSTOMER SERVICE REPS, UTILITIES 231 240 9 2 2 4 CUSTOMER SERVICE REPS, UTILITIES 231 240 9 2 2 4 CUSTOMER SERVICE REPS, UTILITIES 231 240 9 2 2 4 CUSTOMER SERVICE REPS, UTILITIES 231 240 9 2 2 4 CUSTOMER SERVICE REPS, UTILITIES 231 240 9 2 2 4 4 CUSTOMER SERVICE REPS, UTILITIES 231 240 9 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	INDUSTRIAL PRODUCTION MANAGERS	170	180	10	2	2	4
INSTRUCTIONAL COORDINATORS 192 202 10 2 1 3 ALL OTHER SERVICE SALES OCC. 56 66 10 2 2 2 4 BROKERAGE CLERKS 48 58 10 2 1 3 TAX EXAMINER, COLLECTOR, REV. AGENT 329 339 10 2 6 8 PERSONNEL CLERKS, EXCEPT PAYROLL 223 233 10 2 3 5 POLICE PATROL OFFICERS 798 808 10 2 27 29 ALL OTHER TEACHERS, INSTRUCTORS 64 74 10 2 0 2 ALL OTHER LIFE SCIENTISTS 211 221 10 2 6 8 REAL ESTATE APPRAISERS 90 100 10 2 1 3 ALL OTHER MACHINERY MECHANICS 147 157 10 2 3 5 GUIDES 65 75 10 2 3 5 UNHOLSTERERS 47 57 10 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MABULANCE DRIVERS ATTENDANTS 69 78 9 2 1 3 USHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 2 2 4 CRUSHING & MIXING MACHINE OPER. 520 529 9 2 13 15 ALL OTHER PLANT AND SYSTEM OCC. 86 95 9 2 2 3 5 CUSTOMER SERVICE REPS, UTILITIES 231 240 9 2 5 7 HEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 5 7	METER READERS, UTILITIES	252	262	10	2	5	7
ALL OTHER SERVICE SALES OCC. 56 66 10 2 2 4 4 BROKERAGE CLERKS 48 58 10 2 1 3 3 TAX EXAMINER, COLLECTOR, REV. AGENT 329 339 10 2 6 8 PERSONNEL CLERKS, EXCEPT PAYROLL 223 233 10 2 3 5 POLICE PATROL OFFICERS 798 808 10 2 27 29 ALL OTHER TEACHERS, INSTRUCTORS 64 74 10 2 0 2 6 8 REAL ESTATE APPRAISERS 90 100 10 2 6 8 REAL ESTATE APPRAISERS 90 100 10 2 1 3 3 5 GUIDES 65 75 10 2 1 3 AMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 1 3 3 MACHINE FORMING OPERATORS, M/P 35 44 99 2 1 3 3 USHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 1 3 15 CRUSHING & MIXING MACHINE OPER. 520 529 9 2 13 15 ALL OTHER PLANT AND SYSTEM OCC. 86 95 99 2 13 15 CUSTOMER SERVICE REPS, UTILITIES 231 240 9 2 5 7 HEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 2 4 4	PASTEUP WORKERS	103	113	10	2	2	
BROKERAGE CLERKS 48 58 10 2 1 3 TAX EXAMINER, COLLECTOR, REV. AGENT 329 339 10 2 6 8 PERSONNEL CLERKS, EXCEPT PAYROLL 223 233 10 2 3 5 POLICE PATROL OFFICERS 798 808 10 2 27 29 ALL OTHER TEACHERS, INSTRUCTORS 64 74 10 2 0 2 ALL OTHER LIFE SCIENTISTS 211 221 10 2 6 8 REAL ESTATE APPRAISERS 90 100 10 2 11 3 ALL OTHER MACHINERY MECHANICS 147 157 10 2 3 5 GUIDES 65 75 10 2 3 5 UPHOLSTERERS 47 57 10 2 3 5 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 AMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 1 3 USHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 2 4 CRUSHING & MIXING MACHINE OPER. 520 529 9 2 13 15 ALL OTHER PLANT AND SYSTEM OCC. 86 95 9 2 2 13 15 CUSTOMER SERVICE REPS, UTILITIES 231 240 9 2 5 7 HEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 2 4	INSTRUCTIONAL COORDINATORS	192		10			
TAX EXAMINER, COLLECTOR, REV. AGENT 329 339 10 2 6 8 PERSONNEL CLERKS, EXCEPT PAYROLL 223 233 10 2 3 5 POLICE PATROL OFFICERS 798 808 10 2 27 29 ALL OTHER TEACHERS, INSTRUCTORS 64 74 10 2 0 2 ALL OTHER LIFE SCIENTISTS 211 221 10 2 6 8 REAL ESTATE APPRAISERS 90 100 10 2 1 3 ALL OTHER MACHINERY MECHANICS 147 157 10 2 3 5 GUIDES 65 75 10 2 3 5 UPHOLSTERES 47 57 10 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 AMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 1 3 MACHINE FORMING MACHINE OPER. 520 529 9 2 2 4 CRUSHING & MIXING MACHINE OPER. 520 529 9 2 2 13 15 ALL OTHER PLANT AND SYSTEM OCC. 86 95 9 2 2 2 4 PAINTING MACH. OPER. & TENDERS 95 104 9 2 5 7 HEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 2 2 4	ALL OTHER SERVICE SALES OCC.	56	66	10	2	2	4
PERSONNEL CLERKS, EXCEPT PAYROLL 223 233 10 2 3 5 POLICE PATROL OFFICERS 798 808 10 2 27 29 ALL OTHER TEACHERS, INSTRUCTORS 64 74 10 2 0 2 ALL OTHER LIFE SCIENTISTS 211 221 10 2 6 8 REAL ESTATE APPRAISERS 90 100 10 2 1 3 ALL OTHER MACHINERY MECHANICS 147 157 10 2 3 5 GUIDES 65 75 10 2 3 5 UPHOLSTERERS 47 57 10 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 MAMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 1 3 USHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 2 4 CRUSHING & MIXING MACHINE OPER.		48	58	10			
POLICE PATROL OFFICERS 798 808 10 2 27 29 ALL OTHER TEACHERS, INSTRUCTORS 64 74 10 2 0 2 ALL OTHER LIFE SCIENTISTS 211 221 10 2 6 8 REAL ESTATE APPRAISERS 90 100 10 2 1 3 ALL OTHER MACHINERY MECHANICS 147 157 10 2 3 5 GUIDES 65 75 10 2 3 5 UPHOLSTERERS 47 57 10 2 1 3 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 AMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 1 3 USHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 2 4 CRUSHING & MIXING MACHINE OPER. 520 529 9 2 13 15 ALL OTHER PLANT AND SYSTEM OCC. 8	•						
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ALL OTHER MACHINERY MECHANICS 147 157 10 2 3 5 GUIDES 65 75 10 2 3 5 UPHOLSTERERS 47 57 10 2 1 3 5 MACHINE FORMING OPERATORS, M/P 35 44 9 2 1 3 AMBULANCE DRIVERS & ATTENDANTS 69 78 9 2 1 3 USHERS, LOBBY ATT., TICKET TAKER 48 57 9 2 2 1 3 15 CRUSHING & MIXING MACHINE OPER. 520 529 9 2 13 15 ALL OTHER PLANT AND SYSTEM OCC. 86 95 9 2 2 4 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 CUSTOMER SERVICE REPS, UTILITIES 231 240 9 2 5 7 HEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 2 4							
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HEALTH SPECIALTIES TEACHR, POSTSECD 82 91 9 2 2 4							
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	HEADIN SPECIALITES TEACHK, POSTSECD	82		_			

Wage-and-Salary Job Projections 1994-2000 Ranked by Total Growth

		Projected		Annual	Annual	
	Jobs	Jobs	Total	Annual	Replace-	Open-
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	Ings*
PHYSICIAN ASSISTANTS	62	71	9	2	1	3
ALL OTHER MATERIAL WORKERS	152	161	9	2	3	5
PSYCHIATRIC TECHNICIANS	59	68	9	2	1	3
FURNITURE FINISHERS	43	52	9	2	1	3
PHOTOGRAPHERS	69	78	9	2	1	3
PROD., DIRECT., ACTORS, ENTERTAINER	75	84	9	2	1	3
ALL OTHER CONSTR. & EXTRACTIVE	353	362	9	2	3	5
CREDIT CHECKERS	77	86	9	2	0	2
MOBILE HOME INSTALLER & REPAIRER	53	62	9	2	1	3
PRODUCTION INSPECTORS, GRADERS	300	309	9	2	6	8
RADIO MECHANICS	45	53	8	1	1	2
PRUNERS	34	42	8	1	1	2
MINING AND RELATED MANAGERS	96	104	8	1	1	2
MINING ENGINEERS, INC. SAFETY	70	78	8	1	2	3
CHEMISTRY TEACHERS, POSTSECONDARY	73	81	8	1	2	3
CARDIOLOGY TECHNOLOGISTS	52	60	8	1	1	2
PLASTIC MOLDING, CASTING OPER.	18	26	8	1	0	1
PRESSING MACH. OPERATOR, TEXTILES	104	112	8	1	3	4
MECHANICAL ENGINEERING TECHN.	74	82	8	1	1	2
EXTRUDING, FORMING SETTER/OPER.	37	45	8	1	1	2
LOCOMOTIVE ENGINEERS	467	475	8	1	3	4
ANNOUNCERS, RADIO AND TV	333	341	8	1	13	14
FIRE FIGHTERS	225	233	8	1	7	8
GRINDING MACH.SET/OP.M/P	27	35	8	1	0	1
JOB PRINTERS	73	81	8	1	1	2
CURATORS, ARCHIVISTS, MUSEUM TECH.	49	57	8	1	1	2
ALL OTHER PRECISION WORKERS	55	63	8	1	2	3
STATISTICAL CLERKS	127	135	8	1	2	3
ALL OTHER MOTOR VEHICLE OPERATOR	82	90	8	1	1	2
COMBINATION MACH.TOOL OPER., M/P	56	64	8	1	1	2
ALL OTHER PHYS. SCIEN TEACH, PSTSC	63	70	7	1	2	3
HELPERS, ROOFERS	34	41	7	1	1	2
RAILROAD BRAKE, SIGNAL, SWITCH	379	386	7	1	2	3
MARKING CLERKS	103	110	7	1	2	3
BINDERY MACHINE OPERATORS	62	69	7	1	2	3
MINE CUTTING MACHINE OPERATORS	69	76	7	1	1	2
HELPERS, PAINTERS, PLASTERERS	35	42	7	1	1	2
REAL ESTATE CLERKS	44	51	7 7	1	1	2 2
JEWELERS AND SILVERSMITHS	37	44	•	1	1	
PURCHASING AGENT EX.WHO/RET/FARM	404	411	7 7	1	8 1	9 2
WELLHEAD PUMPERS PATTERN AND MODEL MAKERS, WOOD	87 24	94 31	7	1 1	1	2
EKG TECHNICIANS	45	52	7	1	1	2
MACHINERY MECHANICS WATER/POWER	218	225	7	1	5	6
COMPUTER PROGRAMMER AIDES	275	282	7	1	6	7
LECTURERS	106	113	7	1	2	3
CLERGY	63	70	7	1	1	2
MILLING, PLANING MACH.SET/OP., M/P	16	22	6	1	0	1
PSYCHIATRIC AIDES	28	34	6	1	0	1
BICYCLE REPAIRERS	34	40	6	1	1	2
MUSICAL INSTRUMENT REPAIR & TUNE	28	34	6	1	1	2
MOLDERS & SHAPERS, EXC. JEWELRY	29	35	6	1	1	2
MOTORCYCLE REPAIRERS	75	81	6	1	2	3
TECHNICAL WRITERS	33	39	6	1	0	1
BROKERS, REAL ESTATE	33	39	6	1	0	1
WOOD MACHINISTS	89	95	6	1	2	3
	0,7				due to re	_

Wage-and-Salary Job Projections 1994-2000 Ranked by Total Growth

		Projected			Annual	Annual
	Jobs	Jobs	Total	Annual	Replace-	Open-
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	ings*
DIETETIC TECHNICIANS	39	45	6	1	1	2
DERRICK OPERATORS, OIL & GAS	81	87	6	ĩ	1	2
ALL OTHER EXTRACTIVE OCC., EX. HEL	58	64	6	ī	0	1
AIRCRAFT MECHANICS	173	179	6	ĩ	3	4
MINE MACHINERY MECHANICS	70	76	6	ī	2	3
CONTINUOUS MINING MACHINE OPER.	53	59	6	ī	0	1
LAW CLERKS	142	148	6	1	2	3
LOAD.MACH.OPER.,UNDERGR. MINING	55	61	6	1	1	2
MACHINE ASSEMBLERS	13	19	6	1	0	1
PURCHASING AGENTS & BUYERS, FARM	140	146	6	1	3	4
ALL OTHER THERAPISTS	88	94	6	1	1	2
TOOL AND DIE MAKERS	12	17	5	1	0	1
DETECTIVES AND INVESTIGATORS	37	42	5	1	1	2
ELECTRIC MOTOR REPAIRERS	34	39	5	1	1	2
PRESS, BRAKE MACH.SETTER/OP.,M/P	32	37	5	1	1	2
CUTTERS AND TRIMMERS, HAND	13	18	5	1	0	1
CENTRAL OFFICE & PBX INSTAL/RPR.	218	223	5	1	3	4
SPECIAL AGENTS, INSURANCE	57	62	5	1	1	2
PHYSICS TEACHERS, POSTSECONDARY	46	51	5	1	1	2
COIN & VENDING MACHINE SERVICERS	83	88	5	1	1	2
COMPUTER SCIENCE TEACHR, POSTSECD	46	51	5	1	1	2
FUNERAL DIRECTORS AND MORTICIANS	76	81	5	1	1	2
PERIPHERAL EDP EQUIP. OPERATORS	78	82	4	1	2	3
GAS APPLIANCE REPAIRERS	30	34	4	1	1	2
EEG TECHNOLOGISTS	24	28	4	1	0	1
BIOLOGICAL SCIENTISTS	622	626	4	1	16	17
PLASTIC MOLDING, CASTING SET/OP.	22	26	4	1	1	2
CAMERA OPERATORS	42	46	4	1	1	2
MACHINE TOOL CUTTING OPER., M/P	11	15	4	1	0	1
GAS PLANT OPERATORS	51	55	4	1	1	2
ANIMAL TRAINERS	17	21	4	1	0	1
TRANSPORTATION INSPECTORS	75	79	4	1	2	3
TYPESETTING MACH. OPERATOR/TEND.	35	39	4	1	1	2
FUNERAL ATTENDANTS PEST CONTROLLERS AND ASSISTANTS	57	61	4	1	1	2
ALL OTHER LEGAL ASSISTANTS	16	20	4	1	0	1
OPERATIONS AND RESEARCH ANALYSTS	42	46	4	1	0	1
MENDERS, GARMENTS AND LINENS	21	25	4	1	0	1
ELECTROMEDICAL & BIOMED. REPAIR.	34	38	4	1	1	2
LAWN SERVICE MANAGERS	26	30	4	1	0	1
ROTARY DRILL OPERATORS	15	19	4	1	0	1
URBAN AND REGIONAL PLANNERS	48	52	4	1	0	1
DRAGLINE OPERATORS	114	118	4	1	2	3
ALL OTHER COMPUTER SCIENTISTS	38	42	4	1	1	2
ATMOSPHERIC & SPACE SCIENTISTS	31	35	4	1	0	1
SOLDERERS AND BRAZERS	39	43	4	1	1	2
CORRESPONDENCE CLERKS	12	16	4	1	0	1
PROOFREADERS AND COPY MARKERS	88	92	4	1	2	3
AUXILIARY EQUIP. OPER., POWER	33	37	4	1	1	2
INSPECTORS, TESTER, GRADERS, PREC	51	55	4	1	1	2
PRESSERS, DELICATE FABRICS	41	45	4	1	1	2
ELECTRONIC PAGINATION SYS OPRTS	60	64	4	1	2	3
CHEMICAL PLANT AND SYSTEM OPER.	41	45	4	1	1	2
DRYWALL INSTALLERS	24	28	4	1	1	2
PUNCHING MACH. SETTER/OPER., M/P	19	23	4	1	1	2
- STITER/OPER., M/P	9	12	3	1	0	1
		*Nu	mbers may	not add	due to rou	naing.

Wage-and-Salary Job Projections 1994-2000 Ranked by Total Growth

	laha	Projected	Total	Ammuni	Annual	Annual
Occupational Title	Jobs YR 1994	Jobs YR 2000	Total Growth	Annual Growth	Replace- ments	Open- ings*
SPOTTERS, DRY-CLEANING	43	46	3	1	1	2
SALES ENGINEERS	13	16	3	1	0	1
PIPELAYING FITTERS	37	40	3	1	0	1
TITLE SEARCHERS	27	30	3	1	0	1
STATEMENT CLERKS	89	92	3	1	2	3
ALL OTHER COMMUN.EQUIP. MECHANICS	93	96	3	1	2	3
WELDING MACHINE OPERATORS	12	15	3	1	0	1
STRIPPERS, PRINTING	25	28	3	1	1	2
ALL OTHER TRANSPORTATION WORKERS	64	67	3	1	1	2
AUDIOVISUAL SPECIALISTS	31	34	3	1	0	1
WELDING MACHINE SETTER/OPERATOR	10	13	3	1	0	1
SAWING MACH. TOOL SETTER/OP., M/P	8	11	3	1	0	1
INDUSTRIAL ENGINEERS, EXC. SAFETY	13	16	3	1	0	1
CONVEYOR OPERATORS AND TENDERS	191	194	3	1	2	3
OCCUPATIONAL THERAPY ASSISTANTS	19	22	3	1	0	1
GRINDING AND POLISHING, HAND	42	4.5	3	1	1	2
LAYOUT WORKERS, METAL, PRECISION	7	10	3	1	0	1
CRANE AND TOWER OPERATORS	24	27	3	1	1	2
METALLURGISTS AND REL. ENGINEERS	15	18	3	1	0	1
LICENSE CLERKS	205	208	3	1	1	2
CEILING TILE INSTALLERS	17	20	3	1	0	1
COMPUTER ENGINEERS	56	59	3	1	0	1
DANCERS AND CHOREOGRAPHERS	16	19	3	1	0	1
BUDGET ANALYSTS	200	203	3	1	2	3
DETAIL DESIGN DECORATORS & PAINT	8	11	3	1	0	1
MUNICIPAL CLERKS	60	63	3	1	0	1
MEDICAL SCIENTISTS	21	24	3	1	1	2
ELECTROLYTIC PLATING SET/OP., M/P	8	11	3	1	0	1
ELECTRONIC SEMICONDUCTOR	15	18	3	1	0	1
ELEVATOR INSTALLERS & REPAIRERS	15	18	3	1	0	1
CONSTRUCTION, BUILDING INSPECTOR	172	175	3	1	3	4
NUCLEAR MEDICINE TECHNOLOGISTS	18	21	3	1	0	1
ESTIMATORS & DRAFTERS, UTILITIES	36	39	3	1	1	2
CLAIMS EXAMINERS, INSURANCE	32	35	3	1	0	1
COATING, PAINTING SETTER/OPER.	9	12	3	1	0	1
LETTERPRESS SETTER/OPERATOR	16	18	2	0	0	0
LANDSCAPE ARCHITECTS	32	34	2	0	0	0
ALL OTHER PRECISION WOODWORKERS	13	15	2	0	0	0
HARD TILE SETTERS	8	10	2	0	0	0
SEPTIC TANK, SEWER SERVICERS	12	14	2	0	0	0
FIRE FIGHTING & PREV.SUPERVISORS	45	47	2	0	2	2
AGRICULTURAL ENGINEERS	17	19	2	0	0	0
AIR TRAFFIC CONTROLLERS	110	112	2	0	2	2
TRAVEL CLERKS	22	24	2	0	0	0
TOOL GRINDERS, FILERS, SHARPENERS	116	118	2	0	2	2
DATABASE ADMINISTRATORS	46	48	2	0	1	1
ALL OTHER MACHINE OPERATORS	9	11	2	0	0	0
ALL OTHER PRECISION METAL WORKERS	6	8	2	0	0	0
HAND COMPOSITORS, TYPESETTERS,	22	24	2	0	0	0
ALL OTHER MET. & PLAS. MACH.SET/OPS	12	14	2	0	0	0
ACTUARIES	9	11	2	0	0	0
CORRECT. & MANUAL ARTS THERAPIST	19	21	2	0	0	0
CHEMICAL EQUIP. CONTROLLER/OPER.	54	56	2	0	2	2
PETROLEUM TECHNICIANS & TECHNOL.	18	20	2	0	0	0
CARPET INSTALLERS	8	10	2	0	0	0
PAPER GOODS MACHINE SETTER/OPER.	131	133	2	0	3	3

Wage-and-Salary Job Projections 1994-2000 Ranked by Total Growth

		Projected		Annual	Annual	
	Jobs	Jobs	Total	Annual	Replace-	Open-
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	ings*
OIL PUMPERS, EXCEPT WELLHEAD	30	32	2	0	0	0
NEW ACCOUNTS CLERKS	282	284	2	0	9	9
POLICE AND DETECTIVE SUPERVISORS	108	110	2	0	4	4
PLATEMAKERS	19	21	2	0	0	0
PLASTERERS	8	10	2	0	0	0
PRESSERS, HAND	35	37	2	0	1	1
BINDERY MACHINE SETTER/OPERATOR	21	23	2	0	1	1
FINANCIAL ANALYSTS, STATISTICAL	10	11	1	0	0	0
EMBALMERS	11	12	1	0	0	0
CREDIT ANALYSTS	54	55	1	0	1	1
POLICE DETECTIVE	76	77	1	0	3	3
PORTABLE MACHINE CUTTERS	6	7	1	0	0	0
PHOTOENGRAVERS	5	6	1	0	0	0
PODIATRISTS	9	10	1	0	0	0
SCANNER OPERATORS	6	7	1	0	0	0
SAWING MACHINE SETTER/OPERATOR	68	69	1	0	2	2
POWERHOUSE & RELAY ELECTRICIANS	29	30	1	0	1	1
LATHE, TURNING MACH.SETTER/OP,M/P	8 10	9	1 1	0	0	0
AIR HAMMER OPERATORS CUTTING AND SLICING SETTER/OPER.	5	11 6	1	0	0	0 0
STATION INSTALL & REPAIR, TELE	5 57	58	1	0	1	1
GAS COMPRESSOR OPERATORS	10	11	1	0	0	0
PARKING ENFORCEMENT OFFICERS	18	19	1	0	0	0
TEXTILE MACHINE OPERATORS	6	7	1	0	0	0
BROADCAST NEWS ANALYSTS	31	32	1	o o	1	1
DATA ENTRY KEYERS, COMPOSING	11	12	1	o	0	0
ALL OTHER CLERICAL & ADMIN SUPP	1052	1053	1	0	6	6
DREDGE OPERATORS, DIPPER TENDERS	7	8	1	0	0	0
NURSERY & GREENHOUSE MANAGERS	10	11	1	0	0	0
STONEMASONS	7	8	1	٥	0	0
GRADERS & SORTERS, AGRIC.PRODUCT	126	127	1	0	3	3
CAMERA OPERATORS, TV & MOVIES	36	37	1	0	1	1
ELECTRIC METER INSTALLERS/REPAIR	19	20	1	0	0	0
RADIO OPERATORS	71	72	1	0	1	1
PUMP OPERATORS	9	10	1	0	0	0
MANICURISTS	8	9	1	0	0	0
RAIL YARD ENGINEERS, DINKEY OPER.	21	22	1	0	0	0
BARBERS	17	18	1	0	1	1
MACHINERY MAINTENANCE WORKERS	193	194	1	0	4	4
REFUSE COLLECTORS	295	296	1	0	5	5
CENTRAL OFFICE OPERATORS	6	6	0	0	0	0
DRILLING, BORING MACH.SET/OP.,M/P	6	6	0	0	0	0
HOIST AND WINCH OPERATORS	57	57	0	0	1	1
U.S. MARSHALLS	8	8	0	0	0	0
FIRE INSPECTORS	17	17	0	0	1	1
MECHANICAL CONTROL INSTAL.& REPR	82	82	0	0	2	2
STATISTICIANS	13	13	0	0	0	0
RAILROAD AND TRANSIT POLICE	9	9	0	0	0	0
DIRECTORY ASSISTANCE OPERATORS	6	6	0	0	0	0
FRAME WIRERS, CENTRAL OFFICE	19	19	0	0	0	0
DIRECTORS, RELIGIOUS ACTIV. /EDUC.	11	11	0	0	0	0
ALL OTHER ENGINEERING TECHNICIAN	307	307	0	0	6	6
GAUGERS	57	57	0	0	1	1
BAILIFFS GAS DIMDING STATION OPERATORS	10 6	10 6	0	0	0	0
GAS PUMPING STATION OPERATORS SAFETY ENGINEERS, EXCEPT MINING		22	0	0	1	1
OMESTI ENGINEERS, EXCEPT MINING	22			-		
		-N	THE BEST TO SERVICE THE SERVIC	y not add	due to ro	unuang.

Wage-and-Salary Job Projections 1994-2000 Ranked by Total Growth

			Annual			
	Jobs	Projected Jobs	Total	Annual	Annual Replace-	Open-
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	ings*
TRAFFIC TECHNICIANS	13	13	0	0	0	0
LOAN INTERVIEWERS	5	5	0	0	0	0
POWER DISTRIBUTORS & DISPATCHERS	54	54	0	0	1	1
INDUSTRIAL ENGINEERING TECHN.	5	5	0	0	0	0
PHOTOGRAPHIC PROCESS WORKERS	7	7	0	0	0	0
CHEMICAL ENGINEERS	31	31	0	0	1	1
PETROLEUM ENGINEERS	49	49	0	0	1	1
EMPLOYMENT INTERVIEWERS	173	172	-1	0	2	2
BOILER OPERATOR, TENDER LOW PRESS	174	173	-1	0	5	5
MATH SCIENTISTS, ACTUARIES, STAT.	13	12	-1	0	0	0
ALL OTHER COMMUNICATION OPERATORS	7	6	-1	0	0	0
WEIGHERS, MEASURERS, CHECKERS	53	52	-1	0	2	2
ADJUDICATORS & HEARING OFFICERS	128	127	- 1	0	2	2
METAL MOLDING, CASTING OPERATORS	7	6	- 1	0	0	0
MUSICIANS, INSTRUMENTAL	48	47	- 1	0	1	1
FISH AND GAME WARDENS	82	81	- 1	0	1	1
ALL OTHER INSPECTORS, TESTERS	86	85	-1	0	2	2
STATIONARY ENGINEERS	61	60	-1	0	2	2
CLAIMS TAKERS, UNEMPLOY.BENEFITS	134	133	- 1	0	3	3
ASSESSORS	248	247	-1	0	5	5
AIRCRAFT ENGINE SPECIALISTS	26	25	- 1	0	1	1
WOODWORKING MACHINE OPERATORS	266	265	-1	0	7	7
FOREST FIRE INSPECT & PREVENTION	12	11	-1	0	0	0
CRIMINAL INVESTIGATORS, FEDERAL	63	61	- 2	0	2	2
PRECISION INSTRUMENT REPAIRERS	42	40	-2	0	1	1
CLEANING, PICKLING EQUIP. OPER.	7	5	-2	0	0	0
CUTTING & SLICING MACHINE OPER.	34	32	- 2	0	1	1
FOOD BATCHMAKERS	8	6	-2	0	0	0
LOG GRADERS AND SCALERS	48	46	-2	0	1	1
BIOLOGICAL, AGRIC., FOOD TECHN.	246	244	-2	0	5	5
METAL MOLDING, CASTING SETTER/OP.	14	12	-2	0	0	0
ROASTING, DRYING OPER., FOOD/TOB.	11	8	-3	-1	0	0
MILLWRIGHTS	389	386	-3	-1	13	13
FOUNDRY MOLD AND CORE MAKERS	15	12	-3	-1	0	0
COOKING MACHINE OPER., FOOD/TOB.	12	9	- 3	- 1	0 3	0
HEAD SAWYERS & SAW MACH.OPR/TEND	90	87	-3 3	-1 -1	0	3 0
COOLING, FREEZING EQUIP. OPER.	12 74	9 71	-3	-1	2	2
SEPARATING, FILTERING MACH. OP.	· -				0	0
FURNACE OPERATORS AND TENDERS	15	12	-3 -3	-1 -1	3	3
JUDGES AND MAGISTRATES MAIN LINE STATION ENGINEERS	234 11	231 8	- 3 - 3	-1	0	0
ECONOMISTS	66	62	- 3 - 4	-1	2	2
PETROLEUM PUMP SYSTEM OPERATORS	24	20	-4	-1	1	1
FARM & RANCH EQUIPMENT OPERATORS	25	21	-4	-1	1	1
MEAT, POULTRY, FISH CUTTERS	15	11	- 4 - 4	-1	0	0
COMPUTER SUPPORT SPECIALISTS		199	-4	-1	5	5
DAIRY PROCESSING EQUIP. OPERATOR	203 17	13	-4	-1	1	1
_	20	15	-5	-1	0	0
BAKERS, MANUFACTURING EXTRUDING & FORMING OPERATOR	20 67	62	-5 -5	-1	2	2
					5	5
RAILCAR REPAIRERS EXTRUDING MACH. SETTER/OPER.,M/P	187	182 28	-5 -5	-1 -1	1	1
· · · · · · · · · · · · · · · · · · ·	33			-1		
FARM & HOME MANAGEMENT ADVISORS	148	143	- 5	-1	1	1
LOG HANDLING EQUIPMENT OPERATORS	184	178	-6	-1	5	5
RAIL-TRACK LAYING EQUIP. OPER.	244	238	-6	-1	3	3
ELECTRICAL INSTALLERS & REPAIRER	51	45	-6	-1	1 4	1 4
CEMENTING & GLUING MACHINE OPER.	173	167	-6	-1 not add	due to re	_

Wage-and-Salary Job Projections 1994-2000 Ranked by Total Growth

Occupational Title	Jobs YR 1994	Projected Jobs YR 2000	Total Growth	Annual Growth	Annual Replace- ments	Annual Open- ings*
CHOKE SETTERS	150	144	-6	-1	4	4
WOODWORKING MACHINE SETTER/OPER.	153	147	-6	-1	4	4
AGRICULTURAL AND FOOD SCIENTISTS	217	210	- 7	-1	6	6
WELFARE ELIGIBILITY WORKERS	656	649	-7	-1	8	8
GVMT CHIEF EXEC. & LEGISLATORS	568	560	- 8	-1	11	11
COMPUTER OPERATORS, EXC. PERIPH.	779	769	-10	-2	20	20
POSTMASTERS, MAIL SUPERINTENDENT	351	339	-12	-2	5	5
FALLERS AND BUCKERS	357	345	-12	-2	9	9
ELECTRONICS REPAIRERS, COMM. & IND.	94	82	-12	-2	2	2
LOGGING TRACTOR OPERATORS	370	357	-13	-2	7	7
MAIL MACHINE OPERATORS	208	195	-13	-2	9	9
MACHINE FEEDERS AND OFFBEARERS	1107	1092	-15	-3	35	35
SAWING MACHINE OPERATOR/TENDER	418	402	-16	- 3	12	12
PETROLEUM REFINERY OPERATORS	135	117	-18	-3	3	3
POSTAL SERVICE CLERKS	563	543	-20	-3	13	13
SLAUGHTERERS AND BUTCHERS	85	64	-21	-4	2	2
INDUSTRIAL MACHINERY MECHANICS	306	284	-22	-4	7	7
PACKAGING & FILLING MACHINE OPER	428	406	-22	-4	8	8
FIRST LINE SUPERV.AG, FOREST, FISH	433	410	-23	-4	6	6
METAL POURERS, BASIC SHAPES	151	128	-23	-4	3	3
SIGNAL OR TRACK SWITCH MAINT.	79	51	-28	-5	2	2
POSTAL MAIL CARRIERS	940	908	-32	-5	19	19
DRIVER/SALES WORKERS	1015	983	-32	-5	26	26
FORESTER, CONSERVATION SCIENTIST	1044	997	-47	-8	28	28
FARM & RANCH MANAGERS/OPERATORS	712	605	-107	-18	6	6
GENERAL FARM & RANCH WORKERS	4952	4211	-741	-124	103	103

Wage-and-Salary Job Projections 1994-2000 Ranked Alphabetically by Occupational Title

Occupational Title	Jobs YR 1994	Projected Jobs YR 2000	Total Growth	Annual Growth	Annual Replace- ments	Annual Open- Ings*
ACCOUNTANTS AND AUDITORS	2197	2479	282	47	30	77
ACTUARIES	9	11	202	0	0	0
ADJUDICATORS & HEARING OFFICERS	128	127	-1	0	2	2
ADJUSTMENT CLERKS	364	414	50	8	2	10
ADMINISTRATIVE SERVICE MANAGERS	422	473	51	9	6	15
ADVERTISING CLERKS	96	107	11	2	2	4
AGRICULTURAL AND FOOD SCIENTISTS	217	210	- 7	- 1	6	6
AGRICULTURAL ENGINEERS	17	19	2	0	0	0
AIR HAMMER OPERATORS	10	11	1	0	0	0
AIR TRAFFIC CONTROLLERS	110	112	2	0	2	2
AIRCRAFT ENGINE SPECIALISTS	26	25	-1	0	1	1
AIRCRAFT MECHANICS	173	179	6	1	3	4
AIRCRAFT PILOTS, FLIGHT ENGINEERS	130	146	16	3	3	6
ALL OTHER AGRIC., FOREST, FISH.	834	861	27	5	26	31
ALL OTHER ASSEMBLERS, FABRICATORS	1542	1827	285	48	24	72
ALL OTHER CLEAN, BUILDING SERVICE	786	835	49	8	15	23
ALL OTHER CLERICAL & ADMIN SUPP	1052	1053	1	0	6	6
ALL OTHER COMMUN.EQUIP. MECHANICS	93	96	3	1	2	3
ALL OTHER COMMUNICATION OPERATORS ALL OTHER COMPUTER SCIENTISTS	7	6	-1 4	0 1	0	0
ALL OTHER COMPOTER SCIENTISTS ALL OTHER CONSTR. & EXTRACTIVE	31 353	35 362	9	2	3	1 5
ALL OTHER CONSTRUCTION WORKERS	77	91	14	2	1	3
ALL OTHER ELECTRIC, ELECTRO. MECH	75	90	15	3	2	5
ALL OTHER ENGINEERING TECHNICIANS	307	307	0	0	6	6
ALL OTHER ENGINEERS	222	236	14	2	3	5
ALL OTHER EXTRACTIVE OCC., EX. HEL	58	64	6	1	0	1
ALL OTHER FINANCIAL SPECIALISTS	241	256	15	3	3	6
ALL OTHER FOOD SERVICE WORKERS	399	471	72	12	19	31
ALL OTHER HAND MATERIAL MOVERS	1513	1599	86	14	76	90
ALL OTHER HAND WORKERS	503	595	92	15	10	25
ALL OTHER HEALTH PROF., PARA, TECH	636	692	56	9	8	17
ALL OTHER HEALTH SERVICE WORKERS	357	411	54	9	3	12
ALL OTHER HELPER, LABORER, MOVER	3566	3818	252	42	84	126
ALL OTHER INSPECTORS, TESTERS	86	85	-1	0	2	2
ALL OTHER LEGAL ASSISTANTS	42	46	4	1	0	1
ALL OTHER LIFE SCIENTISTS	211	221	10	2	6	8
ALL OTHER MACHINE OPERATORS	728	769	41	7	15 0	22 0
ALL OTHER MACHINE OPERATORS ALL OTHER MACHINERY MECHANICS	9 147	11	2	0 2	3	5
ALL OTHER MANAGEMENT SUPPORT WRKS		157 919	10 57	10	13	23
ALL OTHER MANAGERS & ADMINIST.	877	940		11	13	24
ALL OTHER MATERIAL MOVING OPER.	295	322	27	5	3	8
ALL OTHER MATERIAL WORKERS	152	161	9	2	3	5
ALL OTHER MECHANICS, INSTALLERS	568	619	51	9	7	16
ALL OTHER MET. & PLAS. MACH.SET/OPS		14	2	0	0	0
ALL OTHER MINING MACH. OPERATORS	126	140	14	2	1	3
ALL OTHER MOTOR VEHICLE OPERATORS	82	90	8	1	1	2
ALL OTHER OFFICE MACH. OPERATORS	128	141	13	2	6	8
ALL OTHER PHYS. SCIEN TEACH, PSTSC		70	7	1	2	3
ALL OTHER PHYSICAL SCIENTISTS	212	242	30	5	6	11
ALL OTHER PLANT AND SYSTEM OCC.	86	95	9	2	2	4
ALL OTHER POST SECONDARY TEACHERS	513	568	55	9	14	23
ALL OTHER PRECISION METAL WORKERS	6	8	2	0	0	0
ALL OTHER PRECISION WOODWORKERS	13	15	2	0	0	0
ALL OTHER PRECISION WORKERS	55	63	8	1	2	3

Wage-and-Salary Job Projections 1994-2000 Ranked Alphabetically by Occupational Title

Occupational Title	Jobs YR 1994	Projected Jobs YR 2000	Total Growth	Annual Growth	Annual Replace- ments	Annual Open- ings*
ALL OTHER PROF., PARAPROF., TECHN.	1202	1297	95	16	21	37
ALL OTHER PROTECTIVE SERVICE	236	248	12	2	25	27
ALL OTHER SALES & RELATED OCC.	461	529	68	11	19	30
ALL OTHER SCIENCE TECHNICIANS	278	294	16	3	6	9
ALL OTHER SERVICE SALES OCC.	56	66	10	2	2	4
ALL OTHER SERVICE SUPERVISORS	2256	2675	419	70	39	109
ALL OTHER SERVICE WORKERS	719	864	145	24	8	32
ALL OTHER SOCIAL SCIENTISTS	158	170	12	2	3	5
ALL OTHER TEACHERS, INSTRUCTORS	64	74	10	2	0	2
ALL OTHER THERAPISTS	88	94	6	1	1	2
ALL OTHER TRANSPORTATION WORKERS	64	67	3	1	1	2
AMBULANCE DRIVERS & ATTENDANTS	69	78	9	2	1	3
AMUSEMENT & RECREATION ATTENDANT	1226	1440	214	36	56	92
ANIMAL CARETAKERS, EXCEPT FARM	346	383	37	6	6	12
ANIMAL TRAINERS	17	21	4	1	0	1
ANNOUNCERS, RADIO AND TV	333	341	8	1	13	14
ARCHITECTS, EXC. LAND. & MARINE	180	210	30	5	2	7
ART, DRAMA, MUSIC TEACHR, POSTSECD	167	185	18	3	5	8
ARTISTS AND COMMERCIAL ARTISTS	169	197	28	5	3	8
ASSESSORS	248	-247	-1	0	5	5
ATMOSPHERIC & SPACE SCIENTISTS	39	43	4	1	1	2
AUDIOVISUAL SPECIALISTS	31	34	3	1	0	1
AUTOMOTIVE BODY, RELATED REPAIRER	691	812	121	20	16	36
AUTOMOTIVE MECHANICS	2041 51	2252 55	211 4	35 1	57 1	92 2
AUXILIARY EQUIP. OPER., POWER BAGGAGE PORTERS AND BELLHOPS	83	100	17	3	1	4
BAILIFFS	10	100	0	0	0	0
BAKERS, BREAD AND PASTRY	720	820	100	17	22	39
BAKERS, MANUFACTURING	20	15	-5	-1	0	0
BANK TELLERS	1737	1761	24	4	84	88
BARBERS	17	18	1	0	1	1
BARTENDERS	3829	4002	173	29	132	161
BICYCLE REPAIRERS	34	40	6	1	1	2
BILL AND ACCOUNT COLLECTORS	449	513	64	11	4	15
BILL, POST, CALCULATE MACH OPER.	224	244	20	3	10	13
BILLING, COST AND RATE CLERKS	1076	1151	75	13	33	46
BINDERY MACHINE OPERATORS	62	69	7	1	2	3
BINDERY MACHINE SETTER/OPERATOR	21	23	2	0	1	1
BIOLOGICAL SCIENTISTS	622	626	4	1	16	17
BIOLOGICAL, AGRIC., FOOD TECHN.	246	244	-2	0	5	5
BLASTERS AND EXPLOSIVES WORKERS	245	272	27	5	2	7
BOILER OPERATOR, TENDER LOW PRESS	174	173	-1	0	5	5
BOOKKEEPING/ACCOUNT/AUDIT CLERKS	7848	8759	911	1 52	141	293
BRICK MASONS	111	134	23	4	2	6
BROADCAST NEWS ANALYSTS	31	32	1	0	1	1
BROADCAST TECHNICIANS	206	218	12	2	4	6
BROKERAGE CLERKS	48	58	10	2	1	3
BROKERS, REAL ESTATE	33	39	6	1	0	1
BUDGET ANALYSTS	200	203	3	1	2	3
BUS DRIVERS	229	266	37	6	3	9
BUS DRIVERS, SCHOOL	1856	2055	199	33	21	54
BUS, TRUCK, DIESEL ENG. MECHANIC	1032	1145	113	19	26	45
BUTCHERS AND MEAT CUTTERS	517	581	64	11 7	14 8	25 15
CABINETMAKERS & BENCH CARPENTERS	360	404	44	•	due to ro	

Wage-and-Salary Job Projections 1994-2000 Ranked Alphabetically by Occupational Title

		Projected			Annual	Annual
Occupational Title	Jobs YR 1994	Jobs YR 2000	Total Growth	Annual Growth	Replace- ments	Open- ings*
CAMERA OPERATORS	42	4.6	4	1	1	2
CAMERA OPERATORS, TV & MOVIES	36	37	1	0	1	1
CARDIOLOGY TECHNOLOGISTS	52	60	8	1	1	2
CARPENTERS	3026	3912	886	148	62	210
CARPET INSTALLERS	8	10	2	0	0	0
CASHIERS	7678	8655	977	163	369	532
CEILING TILE INSTALLERS	17	20	3	1	0	1
CEMENTING & GLUING MACHINE OPER.	173	167	-6	- 1	4	4
CENTRAL OFFICE & PBX INSTAL/RPR.	218	223	5	1	3	4
CENTRAL OFFICE OPERATORS	6	6	0	0	0	0
CHEMICAL ENGINEERS	31	31	Ō	0	1	1
CHEMICAL EQUIP. CONTROLLER/OPER.	54	56	2	0	2	2
CHEMICAL PLANT AND SYSTEM OPER.	24	28	4	1	1	2
CHEMICAL TECHNICIANS, EXC.HEALTH	134	148	14	2	3	5
CHEMISTRY TEACHERS, POSTSECONDARY	73	81	8	1	2	3
CHEMISTS	273	301	28	5	6	11
CHILD CARE WORKERS	1265	1629	364	61	8	69
CHIROPRACTORS	83	96	13	2	1	3
CHOKE SETTERS	150	144	-6	-1	4	4
CIVIL ENGINEERING TECHNICIANS	447	468	21	4	9	13
CIVIL ENGINEERS, INCL. TRAFFIC	811	862	51	9	20	29
CLAIMS EXAMINERS, INSURANCE	32	35	3	1	0	1
CLAIMS TAKERS, UNEMPLOY.BENEFITS	134	133	-1	0	3	3
CLEANING, PICKLING EQUIP. OPER.	7	5	- 2	0	0	0
CLERGY	63	70	7	1	1	2
COATING, PAINTING SETTER/OPER.	9	12	3	1	0	1
COIN & VENDING MACHINE SERVICERS	83	88	5	1	1	2
COMBINATION MACH. TOOL OPER., M/P	56	64	8	1	1	2
COMMUNICATION, TRANSP., UTIL.MGRS	384	409	25	4	5	9
COMPUTER ENGINEERS	56	59	3	1	0	1
COMPUTER OPERATORS, EXC. PERIPH.	779	769	-10	-2	20	20
COMPUTER PROGRAMMER AIDES	275	282	7	1	6	7
COMPUTER PROGRAMMERS	615	698	83	14	14	28
COMPUTER SCIENCE TEACHER, POSTSECD	46	51	5	1	1	2
COMPUTER SUPPORT SPECIALISTS	203	199	-4	- 1	5	5
CONCRETE AND TERRAZZO FINISHERS	410	498	88	15	12	27
CONSTRUCTION MANAGERS	333	409	76	13	5	18
CONSTRUCTION, BUILDING INSPECTOR	172	175	3	1	3	4
CONTINUOUS MINING MACHINE OPER.	53	59	6	1	0	1
CONVEYOR OPERATORS AND TENDERS	191	194	3	1	2	3
COOKING MACHINE OPER., FOOD/TOB.	12	9	- 3	-1	0	0
COOKS, FAST-FOOD	2461	2997	536	89	77	166
COOKS, INSTITUTION OR CAFETERIA	1479	1622	143	24	46	70
COOKS, RESTAURANT	2681	3347	666	111	83	194
COOKS, SHORT-ORDER	1292	1547	255	43	40	83
COOLING, FREEZING EQUIP. OPER.	12	9	- 3	- 1	0	0
CORRECT. & MANUAL ARTS THERAPIST	19	21	2	0	0	0
CORRECTION OFFICERS AND JAILERS	626	779	153	26	6	32
CORRESPONDENCE CLERKS	88	92	4	1	2	3
COST ESTIMATORS	453	550	97	16	4	20
COUNSELORS	531	604	73	12	8	20
COUNTER AND RENTAL CLERKS	1034	1216	182	30	20	50
COUNTER ATTENDANTS	597	673	76	13	64	77
COURT CLERKS	274	297	23	4	1	5
CRANE AND TOWER OPERATORS	24	27	3	1	1	2
CREDIT ANALYSTS	54	55	1	0	1	1
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Wage-and-Salary Job Projections 1994-2000 Ranked Alphabetically by Occupational Title

		Projected	ojected			Annual
	Jobs	Jobs	Total	Annual	Annual Replace-	Open-
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	ings*
CREDIT CHECKERS	77	86	9	2	0	2
CRIMINAL INVESTIGATORS, FEDERAL	63	61	- 2	0	2	2
CROSSING GUARDS	136	150	14	2	4	6
CRUSHING & MIXING MACHINE OPER.	520	529	9	2	13	. 15
CURATORS, ARCHIVISTS, MUSEUM TECH.	49	57	8	1	1	2
CUSTOM TAILORS AND SEWERS	96	107	11	2	2	4
CUSTOMER SERVICE REPS, UTILITIES	231	240	9	2	5	7
CUTTERS AND TRIMMERS, HAND	13	18	5 '	1	0	1
CUTTING & SLICING MACHINE OPER.	34	32	- 2	0	1	1
CUTTING AND SLICING SETTER/OPER.	5	6	1	0	0	0
DAIRY PROCESSING EQUIP. OPERATOR	17	13	- 4	-1	1	1
DANCERS AND CHOREOGRAPHERS	16	19	3	1	0	1
DATABASE ADMINISTRATORS	46	48	2	0	1	1
DATA ENTRY KEYERS, COMPOSING	11	12	1	0	0	0
DATA ENTRY KEYERS, EX. COMPOSING	561	642	81	14	3	17
DATA PROCESSING EQUIP. REPAIRERS	107	125	18	3	1	4
DEMONSTRATORS, PROMOTERS, MODELS	121	144	23	4	5	9
DENTAL ASSISTANTS	709	815	106	18	18	36
DENTAL HYGIENISTS	372	431	59	10	4	14
DENTAL LABORATORY TECHNICIANS	117	136	19	3	4	7
DENTISTS	190	220	30	5	4	9
DERRICK OPERATORS, OIL & GAS	81	87	6	1	ı	2
DESIGNERS, EXC. INTERIOR DESIGN.	428	497	69	12	5	17
DETAIL DESIGN DECORATORS & PAINT	8	11	3	1	0	1
DETECTIVES AND INVESTIGATORS	37	42	5	1	1	2
DIETETIC TECHNICIANS	39	45	6	1	1	2
DIETICIANS AND NUTRITIONISTS	137	153	16	3	3	6
DINING ROOM & BARTENDER HELPERS	1352	1570	218	36	94	130
DIRECTORS, RELIGIOUS ACTIV. / EDUC.	11	11	0	0	0	0
DIRECTORY ASSISTANCE OPERATORS	6	6	0	0	0	0
DISPATCHER: EXC. POL., FIRE, AMB.	264	288	24	4	3	7
DISPATCHER: POLICE, FIRE, AMBULANCE	651	677	26	4	8	12
DRAFTERS	483	554	71	12	14	26
DRAGLINE OPERATORS	38	42	4	1	1	2
DREDGE OPERATORS, DIPPER TENDERS	7	8	1	0	0	0
DRILLING, BORING MACH.SET/OP.,M/P	6	6	0	0	0	0
DRIVER/SALES WORKERS	1015	983	-32	-5	26	26
DRYWALL INSTALLERS	19	23	4	1	1	2
DUPLICATING MACHINE OPERATORS	128	141	13	2	6	8
EARTH DRILLERS, EX. OIL & GAS ECONOMISTS	165	186	21	4	4	8
	66	62	- 4	-1	2	2
EDUCATION ADMINISTRATORS EEG TECHNOLOGISTS	1064	1145	81	14	21	35
EKG TECHNOLOGISIS	24	28	4 7	1	0	1
ELEC.HOME ENTERTAINMENT EQ. RPR.	45	52		1	1	2
ELECTR. HOME APPL. & POWER TOOL	69	82	13	2	1	3
ELECTRIC METER INSTALLERS/REPAIR	180	206	26	4	5	9
ELECTRIC MOTOR REPAIRERS	19	20	1	0	0	0
	34	39	5	1	1	2
ELECTRICAL & ELECTRONIC ENGINEER ELECTRICAL & ELECTRONIC TECHN.	366	405	39	7	7	14
	433	464	31	5	5	10
ELECTRICAL INSTALLERS & REPAIRER	51	45	-6	-1	1	1
ELECTRICAL POWERLINE INSTALL/RPR.	716	772	56	9	19	28
ELECTRICAL, ELECTRONIC ASSEMBLER	79	102	23	4	1	5
ELECTRICAL, ELECTRN ASSEMB, PRECIS	109	141	32	5	2	7
ELECTRICIANS FIRCTPOLYTIC DIATING SET/OD M/D	1146	1290	144	24	21	45
ELECTROLYTIC PLATING SET/OP.,M/P	8	11	3 Iumbana ma	1	0	1
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Wage-and-Salary Job Projections 1994-2000 Ranked Alphabetically by Occupational Title

		Projected				
	Jobs	Jobs	Total	Annual	Annual Replace-	Annual Open-
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	ings*
ELECTROMEDICAL & BIOMED. REPAIR.	26	30	4	1	0	1
ELECTRONIC PAGINATION SYS OPRTS	41	45	4	1	1	2
ELECTRONIC SEMICONDUCTOR	15	18	3	1	0	1
ELECTRONICS REPAIRERS, COMM. & IND.	94	82	-12	- 2	2	2
ELEVATOR INSTALLERS & REPAIRERS	15	18	3	1	0	1
EMBALMERS	11	12	1	0	0	0
EMERGENCY MEDICAL TECHNICIANS	489	549	60	10	6	16
EMPLOYMENT INTERVIEWERS	173	172	-1	0	2	2
ENGINEER., MATH., NAT. SCI. MGR.	517	556	39	7	7	14
ENGINEERING TEACHERS, POSTSECD	125	138	13	2	3	5
ENGLISH/FOREIGN LANG.TEACHR, POST	174	193	19	3	5	8
ESTIMATORS & DRAFTERS, UTILITIES EXCAVATION LOADING MACHINE OPER.	36	39	3	1	1	2
EXTRUDING & FORMING OPERATOR	395 67	460 62	65 -5	11	8	19
EXTRUDING WACH. SETTER/OPER.,M/P	33	28	-5 -5	-1 -1	2 1	2
EXTRUDING, FORMING SETTER/OPER.	37	45	- 5	1	1	1 2
FALLERS AND BUCKERS	357	345	-12	-2	9	9
FARM & HOME MANAGEMENT ADVISORS	148	143	-5	-1	1	1
FARM & RANCH EQUIPMENT OPERATORS	25	21	- 4	-1	1	1
FARM & RANCH MANAGERS/OPERATORS	712	605	-107	-18	6	6
FARM EQUIPMENT MECHANICS	288	303	15	3	8	11
FENCE ERECTORS	241	289	48	8	3	11
FILE CLERKS	381	426	45	8	16	24
FILM EDITORS	57	68	11	2	1	3
FINANCIAL ANALYSTS, STATISTICAL	10	11	1	0	0	0
FINANCIAL MANAGERS	1368	1551	183	31	18	49
FIREFIGHTERS	225	233	8	1	7	8
FIRE FIGHTING & PREV.SUPERVISORS	45	47	2	0	2	2
FIRE INSPECTORS	17	17	0	0	1	1
FIRST LINE SUPERV.PRODUCTION	960	1034	74	12	28	40
FIRST LINE SUPERV.TRANSPORT.	502	517	15	3	12	15
FIRST LINE SUPERV.CONST.EXTRAC.	1460	1759	299	50	33	83
FIRST LINE SUPERV.HELP, LABORERS	179	191	12	2	4	6
FIRST LINE SUPERV.MECH.& REPAIR	1189	1267	78	13	35	48
FIRST LINE SUPERV.AG, FOREST, FISH	433	410	-23	-4	6	6
FIRST LINE SUPERVISORS, CLERICAL	3175	3486	311	52	70	122
FIRST LINE SUPERVISORS, SALES	4707	5324	617	103	73	176
FIRST LINE SUPERVISORS, ALL OTHER	327	354	27	5	6	11
FISH AND GAME WARDENS	82	81	- 1	0	1	1
FOOD BATCHMAKERS	8	6	-2	0	0	0
FOOD PREPARATION WORKERS	4512	5366	854	142	168	310
FOOD REPARATION, SERV. FAST FOOD	6326	7111	785	131	235	366
FOOD SERVERS FOOD SERVICE & LODGING MANAGERS	487	572	85	14	52	66
FOREST AND CONSERVATION WORKERS	902	1033	131	22	13	35
FOREST FIRE INSPECT & PREVENTION	618	657	39	7	16	23
FORESTER, CONSERVATION SCIENTIST	12	11 997	-1	0	0	0
FOUNDRY MOLD AND CORE MAKERS	1044 15		-47 -3	- 8	28 0	28
FRAME WIRERS, CENTRAL OFFICE	19	12 19	- 3	-1	0	0
FUNERAL ATTENDANTS	19 57	61	4	0	1	0 2
FUNERAL DIRECTORS AND MORTICIANS	76	81	4 5	1	1	2
FURNACE OPERATORS AND TENDERS	15	12	-3	_	0	0
FURNACE OPERATORS AND TENDERS FURNACE, KILN, OVEN, KETTLE OPER.	219	236	- 3 17	- 1 3	3	6
FURNITURE FINISHERS	43	236 52	9	2	1	3
GARDENERS & GROUNDSKEEP, EXCP FARM	1213	1437	224	37	25	62
GAS APPLIANCE REPAIRERS	30	34	4	1	25	2
	30			_	due to ro	

Wage-and-Salary Job Projections 1994-2000 Ranked Alphabetically by Occupational Title

		Projected		Annual Annua		
	Jobs	Jobs	Total	Annual	Replace-	Open-
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	ings*
GAS COMPRESSOR OPERATORS	10	11	1	0	0	0
GAS PLANT OPERATORS	51	55	4	1	1	2
GAS PUMPING STATION OPERATORS	6	6	0	0	0	0
GAUGERS	57	57	0	0	1	1
GENERAL FARM & RANCH WORKERS	4952	4211	-741	-124	103	103
GENERAL MANAGERS AND TOP EXEC.	8025	9089	1064	177	114	291
GENERAL OFFICE CLERKS	8658	9548	890	148	158	306
GEOLOGIST, GEOPHYSICIST, OCEANOG GLAZIERS	277	300	23	4	7	11
GRADER, DOZER, SCRAPER OPERATORS	159 534	197 629	38 95	6 16	4 10	10
GRADERS & SORTERS, AGRIC.PRODUCT	126	127	1	0	3	26 3
GRADUATE ASSISTANTS, TEACHING	792	876	84	14	22	36
GRINDING AND POLISHING, HAND	42	45	3	1	1	2
GRINDING MACH.SET/OP.M/P	27	35	8	1	0	1
GUARDS	1220	1459	239	40	24	64
GUIDES	65	75	10	2	3	5
GVMT CHIEF EXEC. & LEGISLATORS	568	560	- 8	-1	11	11
HAIRDRESSERS AND COSMETOLOGISTS	931	997	66	11	12	23
HAND COMPOSITORS, TYPESETTERS,	22	24	2	0	0	0
HAND PACKERS AND PACKAGERS	1201	1343	142	24	26	50
HAND WORKERS, JEWELRY, PRECISION	30	43	13	2	1	3
HARD TILE SETTERS	8	10	2	0	0	0
HEAD SAWYERS & SAW MACH.OPR/TEND HEALTH SPECIALTIES TEACHER, POSTSECD	90 82	87	-3 9	-1 2	3 2	3
HEATING, A/C, REFRIG. MECHANICS	465	91 548	83	14	8	4 22
HELPERS, ALL OTHER CONSTRUCTION	242	256	14	2	10	12
HELPERS, BRICK & MASONS	85	102	17	3	3	6
HELPERS, CARPENTERS	676	904	228	38	27	65
HELPERS, ELECTRICIANS	209	227	18	3	8	11
HELPERS, EXTRACTIVE WORKERS	60	71	11	2	2	4
HELPERS, PAINTERS, PLASTERERS	35	42	7	1	1	2
HELPERS, PLUMBERS, PIPEFITTERS	149	178	29	5	6	11
HELPERS, ROOFERS	34	41	7	1	1	2
HIGHWAY MAINTENANCE WORKERS	707	773	66	11	8	19
HOIST AND WINCH OPERATORS	57	57	0	0	1	1
HOME HEALTH AIDES HOSTS & HOSTESSES: REST., LOUNGE	1631 647	2133	502	84	18	102
HOTEL DESK CLERKS	1287	782 1499	135 212	23 35	11 53	34 88
HOUSEKEEPERS SUPV, INSTITUTIONAL	328	379	51	9	33	17
HUMAN SERVICES WORKERS	664	846	182	30	6	36
INDUSTRIAL ENGINEERING TECHN.	5	5	0	0	0	0
INDUSTRIAL ENGINEERS, EXC. SAFETY	13	16	3	í	0	1
INDUSTRIAL MACHINERY MECHANICS	306	284	-22	- 4	7	7
INDUSTRIAL PRODUCTION MANAGERS	170	180	10	2	2	4
INDUSTRIAL TRUCK & TRACTOR OPER.	1268	1323	55	9	25	34
INSPECTORS & COMPLIANCE OFFICERS	777	811	34	6	12	18
INSPECTORS, TESTER, GRADERS, PREC	41	45	4	1	1	2
INSTRUCTIONAL COORDINATORS	192	202	10	2	1	3
INSTRUCTORS AND COACHES, SPORTS	1592	1773	181	30	6	36
INSTRUCTORS, NONVOCATIONAL EDUC.	552	646	94	16	2	18
INSULATION WORKERS	129	155	26	4	5	9
INSURANCE ADJUSTERS, INVESTIGATOR	276	330	54	9	1	10
INSURANCE CLAIMS CLERKS	285	322	37	6	2	8
INSURANCE POLICY PROCESS. CLERKS INSURANCE SALES WORKERS	486	550	64 105	11	12	23
INTERIOR DESIGNERS	803	908 87	105	18	16	34
THIBRIOR DESIGNERS	71		16	3	1	4

Wage-and-Salary Job Projections 1994-2000 Ranked Alphabetically by Occupational Title

		Projected		Annual Annua		
	Jobs	Jobs	Total	Annual	Replace-	Open-
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	Ings*
INTERVIEWING CLERKS, EX. PERSONNEL	259	301	42	7	8	15
JANITORS AND CLEANERS	6646	7351	705	118	136	254
JEWELERS AND SILVERSMITHS	37	44	7	1	1	2
JOB PRINTERS	73	81	8	1	1	2
JUDGES AND MAGISTRATES	234	231	- 3	-1	3	3
LANDSCAPE ARCHITECTS	32	34	2	0	0	0
LATHE, TURNING MACH.SETTER/OP, M/P	8	9	1	0	0	0
LAUNDRY, DRY-CLEANING MACH. OPER.	645	766	121	20	12	32
LAW CLERKS	142	148	6	1	2	3
LAWN MAINTENANCE WORKERS	185	230	45	8	4	12
LAWN SERVICE MANAGERS	15	19	4	1	0	1
LAWYERS	1268	1489	221	37	16	53
LAYOUT WORKERS, METAL, PRECISION	7	10	3	1	0	1
LECTURERS	106	113	7	1	2	3
LEGAL SECRETARIES	664	842	178	30	14	44
LETTERPRESS SETTER/OPERATOR	16	18	2	0	0	0
LIBRARIANS, PROFESSIONAL	653	670	17	3	13	16
LIBRARY ASSISTANTS & BOOKMOBILE	381	399	18	3	17	20
LICENSE CLERKS	205	208	3	1	1	2
LICENSED PRACTICAL NURSES	2568	2986	418	70	35	105
LIFE SCIENCE TEACHERS, POSTSECD	255	282	27	5	7	12
LOAD.MACH.OPER., UNDERGR. MINING	55	61	6	1	1	2
LOAN AND CREDIT CLERKS	574	600	26	4	7	11
LOAN INTERVIEWERS	5	5	0	0	0	0
LOAN OFFICERS AND COUNSELORS	977	1000	23	4	12	16
LOCOMOTIVE ENGINEERS	467	475	8	1	3	4
LOG GRADERS AND SCALERS	48	46	-2	0	1	1
LOG HANDLING EQUIPMENT OPERATORS	184	178	-6	- 1	5	5
LOGGING TRACTOR OPERATORS	370	357	-13	- 2	7	7
MACHINE ASSEMBLERS	13	19	6	1	0	1
MACHINE BUILDERS, ASSEMBLERS	71	83	12	2	1	3
MACHINE FEEDERS AND OFFBEARERS	1107	1092	-15	- 3	35	35
MACHINE TOOL CUTTING OPER M/P	35	44	9	2	1	3
MACHINE TOOL CUTTING OPER., M/P	11	15	4	1	0	1
MACHINERY MAINTENANCE WORKERS MACHINERY MECHANICS WATER/POWER	193	194	1 7	0	4	4
MACHINERI MECHANICS WATER/POWER	218 584	225		1	5 13	6 27
MAIDS AND HOUSEKEEPING CLEANERS	4542	666 5177	82 635	14 106		168
				9	62	
MAIL CLERKS, EXC. MAIL MACHINE MAIL MACHINE OPERATORS	412	463	51	_	15	24
MAIN LINE STATION ENGINEERS	208 11	195 8	~13 -3	-2 -1	9	9
MAINTENANCE REPAIRERS, GEN.UTIL.	3887	4431	544	91	59	150
MANAGEMENT ANALYSTS	138	149	11	2		
MANICURISTS	8	9	1	0	1	3
MARKETING, ADV., PUBLIC REL.MGRS	649	721	72	12	11	23
MARKING CLERKS	103	110	7	1	2	3
MATH SCIENTISTS, ACTUARIES, STAT.	13	12	- 1	0	0	0
MATHEMATICAL TEACHERS, POSTSECD	106	117	11	2	3	5
MEAT, POULTRY, FISH CUTTERS	15	11	-4	-1	0	0
MECHANIC AND REPAIRER HELPERS	484	551	-4 67	11	17	28
MECHANICAL CONTROL INSTAL.& REPR	82		0	0		
		82			2	2
MECHANICAL ENGINEERING TECHN.	74	82	8	1	1	2
MECHANICAL ENGINEERS	240	274	34	6	5	11
MED./CLINICAL LAB. TECHNICIANS MED./CLINICAL LAB. TECHNOLOGISTS	295	340	45	8	4	12
MEDICAL ASSISTANTS	476	544	68	11	7	18
HIDDICUL MOSISIMMIS	463	537	74	12	6	18

Wage-and-Salary Job Projections 1994-2000 Ranked Alphabetically by Occupational Title

MEDICAL RECORDS TECHN. 334 MEDICAL SCIENTISTS 21 24 3 1 1 2 MEDICAL SCIENTISTS 21 24 3 1 1 2 MEDICAL SCIENTISTS 62 769 106 18 14 32 MEDICAL SCIENTISTS 62 769 106 18 14 32 MEDICAL SCIENTISTS 62 769 106 18 14 32 MEDICAL SCIENTISTS 62 77 13 8 21 MERCHERS, ARMENTS AND LIMENS 34 39 4 1 1 2 MERCHANDISE DISPILAYERS 188 180 167 19 3 3 6 METAL FABRICATORS, STRUCTURAL MET 66 111 15 3 2 5 METAL FABRICATORS, STRUCTURAL MET 76 METAL MOLDING, CASTING OFFRATOR 76 61 10 00 00 METAL MOLDING, CASTING OFFRATOR 77 66 11 12 23 METALLURGISTS AND REL. ENGINEERS 15 128 23 44 33 METALLURG, BASIC SCHEER/OP. MILLURG, FLANING MACH. SET/OP, M/P MINE MACHINERY MECHANICS 70 76 66 10 MINIME MACHINERY MECHANICS 70 76 66 10 MINIME MACHINERY MECHANICS 70 76 66 10 MINING SCHEERY 70 70 78 80 MOEILE HEAVY EQUIPMENT MECHANICS 75 80 80 80 80 MOEILE HEAVY EQUIPMENT MECHANICS 75 80 80 80 80 MOEILE HEAVY EQUIPMENT MECHANICS 75 80 80 80 80 MOEILE HEAVY EQUIPMENT MECHANICS 75 80 80 80 80 MOEILE HEAVY EQUIPMENT MECHANICS 75 80 80 80 80 MOEILE HEAVY EQUIPMENT MECHANICS 75 80 80 80 80 90 10 10 10 10 10 10 10 10 1	Occupational Title	Jobs YR 1994	Projected Jobs YR 2000	Total Growth	Annual Growth	Annual Replace- ments	Annual Open- ings*
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MINING ENGINEERS, INC. SAFETY 70 78 88 1 2 3 3 MOBILE HEAVY EQUIPMENT MECHANICS 750 802 52 9 22 31 31 MOBILE HEAVY EQUIPMENT MECHANICS 750 802 52 9 22 11 33 MOBILE HOME INSTALLER & REPAIRER 53 62 9 2 1 33 MOBILE HOME INSTALLER & REPAIRER 53 62 9 2 1 33 MINIOLORIS & SHAPERS, EXC. JEWELRY 29 35 6 1 1 1 22 MOTION PICTURE PROJECTIONISTS 74 88 14 2 2 2 4 MOTION PICTURE PROJECTIONISTS 74 88 14 2 2 3 MONICIPAL CLERKS 60 60 63 3 1 0 0 1 1 2 3 MUNICIPAL CLERKS 60 60 63 3 1 0 0 1 1 1 2 2 MUSICIAL INSTRUMENT REPAIR & TUNE 28 34 6 1 1 1 2 2 MUSICIANS, INSTRUMENT REPAIR & TUNE 28 34 6 1 1 1 2 2 MUSICIANS, INSTRUMENTAL 48 47 -1 00 11 1 1 NEW ACCOUNTS CLERKS 282 284 2 0 9 9 9 9 NUCLEAR MEDICINE TECHNOLOGISTS 18 21 3 1 0 1 1 0 1 1 NURSERY & GREENHOUSE MANAGERS 10 11 1 0 0 0 0 0 NURSERY & GREENHOUSE MANAGERS 446 5175 729 122 48 170 NURSING AIDES AND ORDERLIES 4446 5175 729 122 48 170 NURSING INSTRUCTORS 111 124 13 2 2 2 4 4 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0							
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MOBILE HOME INSTALLER & REPAIRER 53 62 9 2 1 3 MOLDERS & SHAPERS, ECC. JEMELRY 29 35 6 1 1 2 MOTION PICTURE PROJECTIONISTS 74 88 14 2 2 4 MOTOROYCLE REPAIRERS 75 81 6 1 2 3 MUSICAL INSTRUMENT REPAIR & TUNE 28 34 6 1 1 2 MUSICAL INSTRUMENTAL 48 47 -1 0 1 1 2 MUSICAL INSTRUMENTAL 48 47 -1 0 1 1 1 MUSICAL INSTRUMENTAL 48 47 -1 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 0 0 0 0 0 1 1 1<	•	-					
MOLDERS & SHAPERS, EXC. JEWELRY 29 35 6 1 1 2 MOTION PICTURE PROJECTIONISTS 74 88 14 2 2 4 MOTORCYCLE REPAIRERS 75 81 6 1 2 3 MUNICIPAL CLERKS 60 63 3 1 0 1 MUSICIANS, INSTRUMENTAL 48 47 -1 0 1 1 NEW ACCOUNTS CLERKS 282 284 2 0 9 9 NUCLEAR MEDICINE TECHNOLOGISTS 18 21 3 1 0 0 NURSERY WORKERS 490 568 78 13 15 28 NURSING AIDES AND ORDERLIES 4446 5175 729 122 48 170 NURSING INSTRUCTORS 111 124 13 2 2 4 OCCUPATIONAL THERAPI ASSISTANTS 19 22 3 1 0 1 OFFICE MACHINE, REGISTER SERVICE 265 <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	-						
MOTION PICTURE PROJECTIONISTS				=			
MUNICIPAL CLERKS 60 63 3 1 0 1 MUSICIAL INSTRUMENTAL 48 34 6 1 1 2 MUSICIANS, INSTRUMENTAL 48 47 -1 0 1 1 NEW ACCOUNTS CLERKS 282 284 2 0 9 9 NUCLEAR MEDICINE TECHNOLOGISTS 18 21 3 1 0 1 NURSERY & GREENHOUSE MANAGERS 10 11 1 0 0 0 NURSERY WORKERS 490 568 78 13 15 28 NURSING AIDES AND ORDERLIES 4446 5175 729 122 48 170 OCCUPATIONAL THERAPISTS 100 116 16 3 1 4 OCCUPATIONAL THERAPY ASSISTANTS 19 22 3 1 0 1 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 1 OFFSET LITHOGRAPHIC PRESS SETTER							
MUSICAL INSTRUMENT REPAIR & TUNE 28 34 6 1 1 2 MUSICIANS, INSTRUMENTAL 48 47 -1 0 1 1 NEW ACCOUNTS CLERKS 282 284 2 0 9 9 NUCLEAR MEDICINE TECHNOLOGISTS 18 21 3 1 0 1 NURSERY & GREENHOUSE MANAGERS 10 11 1 0 0 0 NURSERY & GREENHOUSE MANAGERS 490 568 78 13 15 28 NURSING AIDES AND ORDERLIES 4446 5175 729 122 48 170 NURSING INSTRUCTORS 111 124 13 2 2 4 OCCUPATIONAL THERAPISTS 100 16 6 3 1 4 OCCUPATIONAL THERAPY ASSISTANTS 19 22 3 1 0 1 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 14 OFFICE MACHINE,		75				2	3
MUSICAL INSTRUMENT REPAIR & TUNE 28 34 6 1 1 2 MUSICIANS, INSTRUMENTAL 48 47 -1 0 1 1 NEW ACCOUNTS CLERKS 282 284 2 0 9 9 NUCLEAR MEDICINE TECHNOLOGISTS 18 21 3 1 0 1 NURSERY & GREENHOUSE MANAGERS 10 11 1 0 0 0 NURSING AIDES AND ORDERLIES 4446 5175 729 122 48 170 NURSING INSTRUCTORS 111 124 13 2 2 4 OCCUPATIONAL THERAPISTS 100 116 16 3 1 4 OCCUPATIONAL THERAPY ASSISTANTS 19 22 3 1 0 1 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 14 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 14 OFFICE MACH		60					
MUSICIANS, INSTRUMENTAL 48 47 -1 0 1 1 NEW ACCOUNTS CLERKS 282 284 2 0 9 9 NUCLEAR MEDICINE TECHNOLOGISTS 18 21 3 1 0 1 NURSERY & GREENHOUSE MANAGERS 10 11 1 0 0 0 NURSERY WORKERS 490 568 78 13 15 28 NURSING AIDES AND ORDERLIES 4446 5175 729 122 48 170 NURSING INSTRUCTORS 111 124 13 2 2 4 OCCUPATIONAL THERAPISTS 100 116 16 3 1 4 OCCUPATIONAL THERAPY ASSISTANTS 19 22 3 1 0 1 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 1 OFFICE MACHINE, REGISTER 152 167 15 3 3 6 OFFICE MACHINE, REGISTER				6	1	1	2
NEW ACCOUNTS CLERKS 282 284 2 0 9 9 NUCLEAR MEDICINE TECHNOLOGISTS 18 21 3 1 0 1 NURSERY & GREENHOUSE MANAGERS 10 11 1 0 0 0 NURSING AIDES AND ORDERLIES 490 568 78 13 15 28 NURSING INSTRUCTORS 111 124 13 2 2 4 OCCUPATIONAL THERAPISTS 100 116 16 3 1 4 OCCUPATIONAL THERAPY ASSISTANTS 19 22 3 1 0 1 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 14 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 14 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 14 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 1 <				-1			
NURSERY & GREENHOUSE MANAGERS 10 11 1 0 0 NURSERY WORKERS 490 568 78 13 15 28 NURSING AIDES AND ORDERLIES 4446 5175 729 122 48 170 NURSING INSTRUCTORS 111 124 13 2 2 4 OCCUPATIONAL THERAPISTS 100 116 16 3 1 4 OCCUPATIONAL THERAPY ASSISTANTS 19 22 3 1 0 1 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 1 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 1 OFFICE MACHINE, REGISTER SERVICER 152 167 15 3 3 6 OIL PUMPERS, EXCEPT WELLHEAD 30 32 2 0 0 0 OPERATIONS AND RESEARCH ANALYSTS 21 25 4 1 0 1 OPICILANS, DISPENSING		282		2	0	9	9
NURSERY WORKERS	NUCLEAR MEDICINE TECHNOLOGISTS	18	21	3	1	0	1
NURSING AIDES AND ORDERLIES 4446 5175 729 122 48 170 NURSING INSTRUCTORS 111 124 13 2 2 4 OCCUPATIONAL THERAPISTS 100 116 16 3 1 0 1 OCCUPATIONAL THERAPY ASSISTANTS 19 22 3 1 0 1 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 14 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 14 OFFICE MACHINE, REGISTER SERVICER 365 288 23 4 10 14 OFFICE MACHINE, REGISTER SERVICER 350 32 2 0 0 0 OLD PMERS, EXCEPPT WELLHEAD 30 32 2 0 0 0 OPERATING ENGINEERS 1242 1302 60 10 16 26 OPERATIONS AND RESEARCH ANALYSTS 21 25 4 1 0 1	NURSERY & GREENHOUSE MANAGERS	10	11	1	0	0	0
NURSING INSTRUCTORS 111 124 13 2 2 4 OCCUPATIONAL THERAPISTS 100 116 16 3 1 4 OCCUPATIONAL THERAPY ASSISTANTS 19 22 3 1 0 1 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 14 OFFICE MACHINE, REGISTER SERVICER 152 167 15 3 3 6 OFFICE MICHORAPHIC PRESS SETTER 152 167 15 3 3 6 OIL PUMPERS, EXCEPT WELLHEAD 30 32 2 0 0 0 OPERATIONS AND RESEARCH ANALYSTS 21 25 4 1 0 1 OPTICIANS, DISPENSING & MEASUR. 358 416 58 10 4 14 OPTICIANS, DISPENSING & MEASUR. 358 40 43 7 7 14 OPTICIANS, DISPENSING & MEASUR. 358 401 43 7 7 14	NURSERY WORKERS	490	568	78	13	15	28
OCCUPATIONAL THERAPISTS 100 116 16 3 1 4 OCCUPATIONAL THERAPY ASSISTANTS 19 22 3 1 0 1 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 14 OFFSET LITHOGRAPHIC PRESS SETTER 152 167 15 3 3 6 OIL PUMPERS, EXCEPT WELLHEAD 30 32 2 0 0 0 0 OPERATIONS AND RESEARCH ANALYSTS 1242 1302 60 10 16 26 OPERATIONS, DISPENSING & MEASUR. 358 416 58 10 4 14 OPTICIANS, DISPENSING & MEASUR. 358 416 58 10 4 14 OPTICIANS, DISPENSING & MEASUR. 358 416 58 10 4 14 OPTICIANS, DISPENSING & MEASUR. 358 416 58 10 4 14 OPTICIANS, DISPENSING & MEASUR. 358 416 43 7 7	NURSING AIDES AND ORDERLIES	4446	5175	729	122	48	170
OCCUPATIONAL THERAPY ASSISTANTS 19 22 3 1 0 1 OFFICE MACHINE, REGISTER SERVICER 265 288 23 4 10 14 OFFSET LITHOGRAPHIC PRESS SETTER 152 167 15 3 3 6 OIL PUMPERS, EXCEPT WELLHEAD 30 32 2 0 0 0 0 OPERATING ENGINEERS 1242 1302 60 10 16 26 OPERATIONS AND RESEARCH ANALYSTS 21 25 4 1 0 0 1 OPTICIANS, DISPENSING & MEASUR. 358 416 58 10 4 14 OPTICIANS, DISPENSING & MEASUR. 358 406 58 10 4 14 OPTOMETRISTS 167 192 25 4 3 7 ORDER CLERKS: MATERIALS, SERVICE 358 401 43 7 7 7 14 ORDER FILLERS, SALES 721 784 63 11 14 25 OTHER SALES REPS, EXC. RETAIL 2908 3172 264 44 661 105 PACKAGING & FILLING MACHINE OPER 428 406 -22 -4 8 8 PAINTERS AND PAPERHANGERS 485 568 83 14 11 25 PAINTERS, TRANSPORTATION EQUIP. 87 104 17 3 2 5 PAINTING AND COATING, HAND 138 165 27 5 3 8 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 3 3 PARALEGALS 9ARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 0 PASTEUP WORKERS 103 113 116 19 1 20	NURSING INSTRUCTORS	111	124	13	2	2	4
OFFICE MACHINE, REGISTER SERVICER OFFSET LITHOGRAPHIC PRESS SETTER 152 167 155 3 3 6 OIL PUMPERS, EXCEPT WELLHEAD 30 32 2 0 0 0PERATING ENGINEERS 1242 1302 60 10 16 26 OPERATIONS AND RESEARCH ANALYSTS 21 25 4 1 0 0PTICIANS, DISPENSING & MEASUR. 358 416 0PTICIANS, DISPENSING & MEASUR. 358 416 0PTOMETRISTS 167 192 25 4 3 7 ORDER CLERKS: MATERIALS, SERVICE 358 401 0RDER FILLERS, SALES 721 784 0RDER FILLERS, SALES 721 784 0RDER SALES REPS, EXC. RETAIL 2908 3172 0RDER SALES REPS, EXC. RETAIL 2908 3172 264 44 61 105 PACKAGING & FILLING MACHINE OPER 428 406 -22 -4 8 8 PAINTERS AND PAPERHANGERS 485 568 83 14 11 25 PAINTERS, TRANSPORTATION EQUIP. 87 104 17 3 2 5 PAINTING AND COATING, HAND 138 165 27 5 PAINTING MACH. OPER. & TENDERS 95 104 99 20 3 5 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 0 0 0 PARKING ENFORCEMENT OFFICERS 18 19 11 0 0 0 0 PASTEUP WORKERS	OCCUPATIONAL THERAPISTS	100	116	16	3	1	4
OFFSET LITHOGRAPHIC PRESS SETTER 152 167 15 3 3 6 OLL PUMPERS, EXCEPT WELLHEAD 30 32 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OCCUPATIONAL THERAPY ASSISTANTS	19	22	3	1	0	1
OIL PUMPERS, EXCEPT WELLHEAD 30 32 2 0 0 0 OPERATING ENGINEERS 1242 1302 60 10 16 26 OPERATIONS AND RESEARCH ANALYSTS 21 25 4 1 0 1 OPTICIANS, DISPENSING & MEASUR. 358 416 58 10 4 14 OPTOMETRISTS 167 192 25 4 3 7 ORDER CLERKS: MATERIALS, SERVICE 358 401 43 7 7 14 ORDER FILLERS, SALES 721 784 63 11 14 25 OTHER SALES REPS, EXC. RETAIL 2908 3172 264 44 61 105 PACKAGING & FILLING MACHINE OPER 428 406 -22 -4 8 8 PAINTERS AND PAPERHANGERS 485 568 83 14 11 25 PAINTING AND COATING, HAND 138 165 27 5 3 8 PAPA	OFFICE MACHINE, REGISTER SERVICER	265	288	23	4	10	14
OPERATING ENGINEERS 1242 1302 60 10 16 26 OPERATIONS AND RESEARCH ANALYSTS 21 25 4 1 0 1 OPTICIANS, DISPENSING & MEASUR. 358 416 58 10 4 14 OPTOMETRISTS 167 192 25 4 3 7 ORDER CLERKS: MATERIALS, SERVICE 358 401 43 7 7 14 ORDER FILLERS, SALES 721 784 63 11 14 25 OTHER SALES REPS, EXC. RETAIL 2908 3172 264 44 61 105 PACKAGING & FILLING MACHINE OPER 428 406 -22 -4 8 8 PAINTERS AND PAPERHANGERS 485 568 83 14 11 25 PAINTERS, TRANSPORTATION EQUIP. 87 104 17 3 2 5 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 <	OFFSET LITHOGRAPHIC PRESS SETTER	152	167	15	3	3	6
OPERATIONS AND RESEARCH ANALYSTS 21 25 4 1 0 1 OPTICIANS, DISPENSING & MEASUR. 358 416 58 10 4 14 OPTOMETRISTS 167 192 25 4 3 7 ORDER CLERKS: MATERIALS, SERVICE 358 401 43 7 7 14 ORDER FILLERS, SALES 721 784 63 11 14 25 OTHER SALES REPS, EXC. RETAIL 2908 3172 264 44 61 105 PACKAGING & FILLING MACHINE OPER 428 406 -22 -4 8 8 PAINTERS AND PAPERHANGERS 485 568 83 14 11 25 PAINTERS, TRANSPORTATION EQUIP. 87 104 17 3 2 5 PAINTING AND COATING, HAND 138 165 27 5 3 8 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 3 3	OIL PUMPERS, EXCEPT WELLHEAD	30	32	2	0	0	0
OPTICIANS, DISPENSING & MEASUR. 358 416 58 10 4 14 OPTOMETRISTS 167 192 25 4 3 7 ORDER CLERKS: MATERIALS, SERVICE 358 401 43 7 7 14 ORDER FILLERS, SALES 721 784 63 11 14 25 OTHER SALES REPS, EXC. RETAIL 2908 3172 264 44 61 105 PACKAGING & FILLING MACHINE OPER 428 406 -22 -4 8 8 PAINTERS AND PAPERHANGERS 485 568 83 14 11 25 PAINTERS, TRANSPORTATION EQUIP. 87 104 17 3 2 5 PAINTING AND COATING, HAND 138 165 27 5 3 8 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 3 3	OPERATING ENGINEERS	1242	1302	60	10	16	26
OPTOMETRISTS 167 192 25 4 3 7 ORDER CLERKS: MATERIALS, SERVICE 358 401 43 7 7 14 ORDER FILLERS, SALES 721 784 63 11 14 25 OTHER SALES REPS, EXC. RETAIL 2908 3172 264 44 61 105 PACKAGING & FILLING MACHINE OPER 428 406 -22 -4 8 8 PAINTERS AND PAPERHANGERS 485 568 83 14 11 25 PAINTERS, TRANSPORTATION EQUIP. 87 104 17 3 2 5 PAINTING AND COATING, HAND 138 165 27 5 3 8 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 0 3 3 PARALEGALS 315 431 116 19 1 20 PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	OPERATIONS AND RESEARCH ANALYSTS	21	25	4	1	0	1
ORDER CLERKS: MATERIALS, SERVICE 358 401 43 7 7 14 ORDER FILLERS, SALES 721 784 63 11 14 25 OTHER SALES REPS, EXC. RETAIL 2908 3172 264 44 61 105 PACKAGING & FILLING MACHINE OPER 428 406 -22 -4 8 8 PAINTERS AND PAPERHANGERS 485 568 83 14 11 25 PAINTERS, TRANSPORTATION EQUIP. 87 104 17 3 2 5 PAINTING AND COATING, HAND 138 165 27 5 3 8 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 3 3 PARALEGALS 315 431 116 19 1 20 PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	OPTICIANS, DISPENSING & MEASUR.	358	416	58	10	4	14
ORDER FILLERS, SALES 721 784 63 11 14 25 OTHER SALES REPS, EXC. RETAIL 2908 3172 264 44 61 105 PACKAGING & FILLING MACHINE OPER 428 406 -22 -4 8 8 PAINTERS AND PAPERHANGERS 485 568 83 14 11 25 PAINTERS, TRANSPORTATION EQUIP. 87 104 17 3 2 5 PAINTING AND COATING, HAND 138 165 27 5 3 8 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 3 3 PARALEGALS 315 431 116 19 1 20 PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	OPTOMETRISTS	167	192	25	4	3	7
OTHER SALES REPS, EXC. RETAIL 2908 3172 264 44 61 105 PACKAGING & FILLING MACHINE OPER 428 406 -22 -4 8 8 PAINTERS AND PAPERHANGERS 485 568 83 14 11 25 PAINTERS, TRANSPORTATION EQUIP. 87 104 17 3 2 5 PAINTING AND COATING, HAND 138 165 27 5 3 8 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 3 3 PARALEGALS 315 431 116 19 1 20 PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	ORDER CLERKS: MATERIALS, SERVICE	358	401	43	7	7	14
PACKAGING & FILLING MACHINE OPER 428 406 -22 -4 8 8 PAINTERS AND PAPERHANGERS 485 568 83 14 11 25 PAINTERS, TRANSPORTATION EQUIP. 87 104 17 3 2 5 PAINTING AND COATING, HAND 138 165 27 5 3 8 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 3 3 PARALEGALS 315 431 116 19 1 20 PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	ORDER FILLERS, SALES	721	784	63	11	14	25
PAINTERS AND PAPERHANGERS 485 568 83 14 11 25 PAINTERS, TRANSPORTATION EQUIP. 87 104 17 3 2 5 PAINTING AND COATING, HAND 138 165 27 5 3 8 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 3 3 PARALEGALS 315 431 116 19 1 20 PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	OTHER SALES REPS, EXC. RETAIL	2908	3172	264	44	61	105
PAINTERS, TRANSPORTATION EQUIP. 87 104 17 3 2 5 PAINTING AND COATING, HAND 138 165 27 5 3 8 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 3 3 PARALEGALS 315 431 116 19 1 20 PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	PACKAGING & FILLING MACHINE OPER	428	406	-22	- 4	8	8
PAINTING AND COATING, HAND 138 165 27 5 3 8 PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 3 3 PARALEGALS 315 431 116 19 1 20 PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	PAINTERS AND PAPERHANGERS	485	568	83	14	11	25
PAINTING MACH. OPER. & TENDERS 95 104 9 2 3 5 PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 3 3 PARALEGALS 315 431 116 19 1 20 PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	PAINTERS, TRANSPORTATION EQUIP.	87	104	17	3	2	5
PAPER GOODS MACHINE SETTER/OPER. 131 133 2 0 3 3 PARALEGALS 315 431 116 19 1 20 PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	PAINTING AND COATING, HAND	138	165	27	5	3	8
PARALEGALS 315 431 116 19 1 20 PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	PAINTING MACH. OPER. & TENDERS	95	104	9	2	3	5
PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	PAPER GOODS MACHINE SETTER/OPER.	131	133	2	0	3	3
PARKING ENFORCEMENT OFFICERS 18 19 1 0 0 0 PASTEUP WORKERS 103 113 10 2 2 4	PARALEGALS			116	19	1	20
PASTEUP WORKERS 103 113 10 2 2 4	PARKING ENFORCEMENT OFFICERS					0	0
					2	2	4
	PATTERN AND MODEL MAKERS, WOOD	24	31	7	1	1	2

Wage-and-Salary Job Projections 1994-2000 Ranked Alphabetically by Occupational Title

		Projected			Annual	l Annual	
	Jobs	Jobs	Total	Annual	Replace-	Open-	
Occupational Title	YR 1994	YR 2000	Growth	Growth	ments	ings*	
PAVING, SURFACING, TAMPING	196	226	30	5	4	9	
PAYROLL AND TIMEKEEPING CLERKS	306	320	14	2	8	10	
PERIPHERAL EDP EQUIP. OPERATORS	78	82	4	1	2	3	
PERSONAL HOME CARE AIDES	1435	1924	489	82	14	96	
PERSONNEL CLERKS, EXCEPT PAYROLL	223	233	10	2	3	5	
PERSONNEL, TRAIN., LABOR REL. SPEC	767	822	55	9	10	19	
PERSONNEL, TRAINING, LABOR REL.MGR	209	239	30	5	5	10	
PEST CONTROLLERS AND ASSISTANTS	16	20	4	1	0	1	
PETROLEUM ENGINEERS	49	49	0	0	1	1	
PETROLEUM PUMP SYSTEM OPERATORS	24	20	-4	-1	1	1	
PETROLEUM REFINERY OPERATORS	135	117	-18	- 3	3	3	
PETROLEUM TECHNICIANS & TECHNOL.	18	20	2	0	0	0	
PHARMACISTS	503	578	7 5	13	7	20	
PHARMACY ASSISTANTS	97	112	15	3	1	4	
PHARMACY TECHNICIANS	102	114	12	2	1	3	
PHOTOENGRAVERS	5	6	1	0	0	0	
PHOTOGRAPHERS	69	78	9	2	1	3	
PHOTOGRAPHIC PROCESS WORKERS	7	7	0	0	0	0	
PHOTOGRAPHIC PROCESSING MACH.OP.	156	192	36	6	5	11	
PHYSICAL THERAPISTS	384	444	60	10	5	15	
PHYSICAL, CORRECT.THERAPY ASSIST	232	269	37	6	2	8	
PHYSICIAN ASSISTANTS	62	71	9	2	1	3	
PHYSICIANS	721	822	101	17	12	29	
PHYSICS TEACHERS, POSTSECONDARY	46	51	5	1	1	2	
PIPELAYERS	158	182	24	4	2	6	
PIPELAYING FITTERS	37	40	3	1	0	1	
PLASTERERS	8	10	2	0	0	0	
PLASTIC MOLDING, CASTING OPER.	18	26	8	1	0	1	
PLASTIC MOLDING, CASTING SET/OP.	22	26	4	1	1	2	
PLATEMAKERS	19	21	2	0	0	0	
PLUMBER, PIPEFITTER, STEAMFITTER	732	845	113	19	16	35	
PODIATRISTS	9	10	1	0	0	0	
POLICE AND DETECTIVE SUPERVISORS	108	110	2	0	4	4	
POLICE DETECTIVE	76	77	1	0	3	3	
POLICE PATROL OFFICERS	798	808	10	2	27	29	
PORTABLE MACHINE CUTTERS	6	7	1	0	0	0	
POSTAL MAIL CARRIERS	940	908	-32	- 5	19	19	
POSTAL SERVICE CLERKS	563	543	-20	-3	13	13	
POSTMASTERS, MAIL SUPERINTENDENT	351	339	-12	- 2	5	5	
POWER DISTRIBUTORS & DISPATCHERS	54	54	0	0	1	1	
POWER GENERATING PLANT OPERATOR	216	231	15	3	5	8	
POWERHOUSE & RELAY ELECTRICIANS	29	30	1	0	1	1	
PRECISION INSTRUMENT REPAIRERS	42	40	-2	0	1	1	
PRESS, BRAKE MACH.SETTER/OP.,M/P	32	37	5	1	1	2	
PRESSERS, DELICATE FABRICS	60	64	4	1	2	3	
PRESSERS, HAND	35	37	2	0	1	1	
PRESSING MACH.OPERATOR, TEXTILES	104	112	8	1	3	4	
PRINTING PRESS MACHINE OPERATOR	135	156	21	4	3	7	
PROCUREMENT CLERKS	222	238	16	3	5	8	
PROD., DIRECT., ACTORS, ENTERTAINER	75	84	9	2	1	3	
PRODUCTION INSPECTORS, GRADERS	300	309	9	2	6	8	
PRODUCTION, EXPEDITING CLERKS				3	4	7	
PROOFREADERS AND COPY MARKERS	199	214	15		1	2	
PROPERTY & REAL ESTATE MANAGERS	33	37	4	1 8	3		
PRUNERS	241	289	4.8 8		3	11	
PSYCHIATRIC TECHNICIANS	34	42	9	1 2	1	3	
FOICHIAIRIC IECHNICIANS	59	68	_		due to ro	_	

Wage-and-Salary Job Projections 1994-2000 Ranked Alphabetically by Occupational Title

Projected Jobs Jo	Total Growth 6 40	Annual Growth	Annual Replace- ments	Annual Open- ings*
	6		ments	inas*
PSYCHIATRIC AIDES 28 34				22
	40	1	0	1
PSYCHOLOGISTS 238 278		7	1	8
PUBLIC RELATIONS SPECIALISTS 382 412	30	5	7	12
PUMP OPERATORS 9 10	1	0	0	0
PUNCHING MACH. SETTER/OPER., M/P 9 12	3	1	0	1
PURCHASING AGENT EX.WHO/RET/FARM 404 411	7	1	8	9
PURCHASING AGENTS & BUYERS, FARM 140 146	6	1	3	4
PURCHASING MANAGERS 440 493	53	9	7	16
RADIO MECHANICS 45 53	8	1	1	2
RADIO OPERATORS 71 72	1	0	1	1
RADIOLOGICAL TECHNICIANS 219 254	35	6	3	9
RADIOLOGICAL TECHNOLOGISTS 322 369	47	8	4	12
RAILCAR REPAIRERS 187 182	-5	-1	5	5
RAIL YARD ENGINEERS, DINKEY OPER. 21 22	1	0	0	0
RAIL-TRACK LAYING EQUIP. OPER. 244 238	-6	-1	3	3
RAILROAD AND TRANSIT POLICE 9 9	0	0	0	0
RAILROAD BRAKE, SIGNAL, SWITCH 379 386	7	1	2	3
RAILROAD CONDUCTORS, YARDMASTERS 360 398	38	6	2	8
REAL ESTATE APPRAISERS 90 100	10	2	1	3
REAL ESTATE CLERKS 44 51	7	1	1	2
RECEPTIONISTS, INFORMATION CLERK 2473 2824	351	59	43	102
RECREATION WORKERS 325 373	48	8	3	11
RECREATIONAL THERAPISTS 76 88	12	2	1	3
REFUSE COLLECTORS 295 296	1	0	5	5
REGISTERED NURSES 6396 7368	972	162	81	243
REINFORCING METAL WORKERS 54 65	11	2	1	3
REPORTERS AND CORRESPONDENTS 281 313	32	5	4	9
RESERVATION & TRANS.TICKET AGENT 137 155	18	3	3	6
RESIDENTIAL COUNSELORS 816 1131	315	53	12	65
RESPIRATORY THERAPISTS 251 291	40	7	3	10
ROASTING, DRYING OPER., FOOD/TOB. 11 8	- 3	-1	0	0
ROOFERS 176 212	36	6	3	9
ROTARY DRILL OPERATORS 48 52	4	1	0	1
ROUSTABOUTS 165 180	15	3	1	4
SAFETY ENGINEERS, EXCEPT MINING 22 22	0	0	1	1
SALES AGENTS, ADVERTISING 626 690	64	11	10	21
SALES AGENTS, BUSINESS SERVICES 345 392	47	8	5	13
SALES AGENTS, REAL ESTATE 262 298	36	6	4	10
SALES ENGINEERS 13 16	3	1	0	1
SALES REPS, SCIENTIF. PROD. EXC. RET 464 517	53	9	10	19
SALESPERSONS, PARTS 1440 1557	117	20	47	67
SALESPERSONS, RETAIL 13638 15443	1805	301	501	802
SAWING MACH. TOOL SETTER/OP., M/P 8 11	3	1	0	1
SAWING MACHINE SETTER/OPERATOR 68 69	1	0	2	2
SAWING MACHINE OPERATOR/TENDER 418 402	-16	- 3	12	12
SCANNER OPERATORS 6 7	1	0	0	0
SCREEN PRINTING MACH. SETTER/OP. 206 252	46	8	4	12
SECRETARIES, EXCEPT LEGAL & MEDICAL 7355 8095	740	123	160	283
SECURITIES, FINANCIAL SERV.SALES 427 501	74	12	5	17
SEPARATING, FILTERING MACH. OP. 74 71	- 3	-1	2	2
SEPTIC TANK, SEWER SERVICERS 12 14	2	0	0	0
SERVICE STATION ATTENDANTS 1173 1277	104	17	56	73
SERVICE UNIT OPERATORS 139 150	11	2	1	3
SEWING MACH. OPER., NON-GARMENT 389 523	134	22	8	30
SEWING MACH. OPERATOR, GARMENT 190 242	52	9	4	13
SHEET METAL DUCT INSTALLERS 72 87	15	3 3	due to ro	5

Wage-and-Salary Job Projections 1994-2000 Ranked Alphabetically by Occupational Title

Occupational Title	Jobs YR 1994	Projected Jobs YR 2000	Total Growth	Annual Growth	Annual Replace- ments	Annual Open- ings*
Occupational Title	117 1994	11\ 2000	Glowill	Orowin	ments	iligs
SHEET METAL WORKERS	234	282	48	8	6	14
SHERIFFS AND DEPUTY SHERIFFS	665	684	19	3	9	12
SIGNAL OR TRACK SWITCH MAINT.	79	51	-28	- 5	2	2
SLAUGHTERERS AND BUTCHERS	85	64	-21	- 4	2	2
SMALL ENGINE SPECIALISTS	41	52	11	2	1	3
SOCIAL SCIENCE TEACHERS, POSTSECD	209	231	22	4	6	10
SOCIAL WORKER, MED.& PSYCHIATRIC	480	557	77	13	4	17
SOCIAL WORKERS, EX. MED.& PSYCH.	1019	1184	165	28	8	36
SOLDERERS AND BRAZERS	12	16	4	1	0	1
SPECIAL AGENTS, INSURANCE	57	62	5	1	1	2
SPEECH PATHOLOGISTS, AUDIOLOGISTS	280	314	34	6	4	10
SPOTTERS, DRY CLEANING	43	46	3	1	1	2
SPRAYERS/APPLICATORS	76	94	18	3	2	5
STATEMENT CLERKS	89	92	3	1	2	3
STATION INSTALL & REPAIR, TELE	57	58	1	0	1	1
STATIONARY ENGINEERS	61	60	-1	0	2	2
STATISTICAL CLERKS	127	135	8	1	2	3
STATISTICIANS	13	13	0	0	0	0
STENOGRAPHERS	184	202	18	3	4	7
STOCK CLERKS, SALES FLOOR	3398	3861	463	77	76	153
STOCK CLERKS:STOCKROOM OR WAREH.	1377	1518	141	24	31	55
STONEMASONS	7	8	1	0	0	0
STRIPPERS, PRINTING	25	28	3	1	1	2
STRUCTURAL METAL WORKERS	30	41	11	2	1	3
SURGICAL TECHNICIANS	196	227	31	5	2	7
SURVEYING & MAPPING SCIENTISTS	175	191	16	3	4	7
SURVEYING AND MAPPING TECHNICIAN	220	233	13	2	5	7
SWITCHBOARD OPERATORS	494	566	72	12	13	25
SYSTEMS ANALYSTS	403	492	89	15	2	17
TAPERS	63	76	13	2	2	4
TAX EXAMINER, COLLECTOR, REV. AGENT	329	339	10	2	6	8 8
TAX PREPARERS	232	263	31	5	3	
TAXI DRIVERS AND CHAUFFEURS	127	141	14	2	1	3
TEACHER AIDES & EDUC. ASSISTANTS	1285	1534	249	42	12	54
TEACHERS AIDES, PARAPROFESSIONAL	953	1112	159	27	9	36
TEACHERS, ELEMENTARY	6656	7163	507	85	103	188
TEACHERS, SECONDARY SCHOOL	5114	5825	711	119	105	224
TEACHERS, SPECIAL EDUCATION	1093	1409	316	53	10	63 22
TEACHERS, VOCATIONAL EDUCATION	878	992	114	19	3	
TEACHERS, PRESCHOOL & KINDERGARTEN	1205	1507	302	50	8	58
TECHNICAL ASSISTANTS, LIBRARY	175	192	17	3	3	6
TECHNICAL WRITERS	33	39	6	1	0	1
TELEPHONE & CABLE TV INSTAL/RPR.	554	585	31	5	12	17
TEXTILE MACHINE OPERATORS	6	7	1	0	0	0
TIRE REPAIRERS AND CHANGERS	532	577	45	8	25	33
TITLE EXAMINERS AND ABSTRACTORS	143	163	20	3	1	4
TITLE SEARCHERS	27	30	3	1	0	1
TOOL AND DIE MAKERS	12	17	5	1	0	1
TOOL GRINDERS, FILERS, SHARPENERS	116	118	2	0	2	2
TRAFFIC TECHNICIANS	13	13	0	0	0	0
TRAFFIC, SHIPPING, & REC. CLERKS	1950	2092	142	24	23	47
TRANSPORTATION AGENTS	576	650	74	12	10	22
TRANSPORTATION INSPECTORS	75	79	4	1	2	3
TRAVEL AGENTS	386	457	71	12	8	20
TRAVEL CLERKS	22	24	2	0	0	0
TRUCK DRIVERS, HEAVY	5883	6447	564	94	92 I due to ro	186

Wage-and-Salary Job Projections 1994-2000 Ranked Alphabetically by Occupational Title

Occupational Title	Jobs YR 1994	Projected Jobs YR 2000	Total Growth	Annual Growth	Annual Replace- ments	Annual Open- ings*
TRUCK DRIVERS, LIGHT	3482	4082	600	100	55	155
TYPESETTING MACH. OPERATOR/TEND.	35	39	4	1	1	2
TYPISTS, INCL. WORD PROCESSING	1186	1351	165	28	20	4.8
U.S. MARSHALLS	8	8	0	0	0	0
UNDERWRITERS	182	196	14	2	3	5
UPHOLSTERERS	47	57	10	2	1	3
URBAN AND REGIONAL PLANNERS	114	118	4	1	2	3
USHERS, LOBBY ATT., TICKET TAKER	48	57	9	2	2	4
VEHICLE, EQUIPMENT CLEANERS	811	926	115	19	13	32
VENDORS, SOLICITORS, DOOR-TO-DOOR	577	689	112	19	17	36
VETERINARIANS, VET. INSPECTORS	177	209	32	5	3	8
VETERINARY ASSISTANTS	128	158	30	5	3	8
VETERINARY TECH & TECHNOLOGISTS	58	72	14	2	1	3
WAITERS AND WAITRESSES	8191	9834	1643	274	400	674
WATER & WASTE TREAT. PLANT OPER.	250	261	11	2	6	8
WEIGHERS, MEASURERS, CHECKERS	53	52	-1	0	2	2
WELDERS AND CUTTERS	718	836	118	20	18	38
WELDING MACHINE OPERATORS	12	15	3	1	0	1
WELDING MACHINE SETTER/OPERATOR	10	13	3	1	0	1
WELFARE ELIGIBILITY WORKERS	656	649	-7	-1	8	8
WELLHEAD PUMPERS	87	94	7	1	1	2
WHOLESALE, RETAIL BUYERS, EX. FARM	852	957	105	18	23	41
WOOD MACHINISTS	89	95	6	1	2	3
WOODWORKING MACHINE OPERATORS	266	265	-1	0	7	7
WOODWORKING MACHINE SETTER/OPER.	153	147	-6	-1	4	4
WRITERS AND EDITORS	307	334	27	5	4	9

^{*}Numbers may not add due to rounding.

Industry Jobs Projection Methodology

The first step in the industry employment projection methodology used for the projections in this publication was to assemble historical employment data, principally at the 2-digit Standard Industrial Classification (SIC) level. The Standard Industrial Classification scheme is a collection of numerical codes used as a standard for compiling economic data. The 2-digit coding level is an intermediate level of detail. (See the first column of the "Factors Used to Project Montana Industry Employment" table on pages 39-40.) The data source for the historical employment data was primarily administrative records from the Montana unemployment insurance system. The exception to this generalization was production agriculture, the raising of crops and livestock. Because of only partial unemployment insurance coverage of production agriculture in Montana, historical employment information was used constructed by the Bureau of Economic Analysis, U.S. Department of Commerce. For all industries, historical information was available through the year 1994, with many economic sectors having information back to 1961.

The second step in the methodology was to relate employment in a given industry to factors that tend to be associated with change in that industry's employment—such as Montana's population and national employment for the same industry. These and other factors were chosen based on economic theory, analysts' knowledge of particular industries and wisdom of outside experts.

The third step was to estimate the quantitative relationship between a given industry's employment level over time and predictor factors or variables, like population. The statistical technique that was primarily used is called multiple regression analysis. Standard statistical evaluation tools were used to choose among different sets of variables. In certain industries, the best projection was obtained by trending into the future the industry's historical employment level without relating that level to any predictor variables. (The table on pages 39-40 summarizes the factors and other methodological issues for each of Montana's industries.)

The fourth step used forecasted levels of predictor variables to project the year 2000 employment level for each Montana industry. The forecasted level of Montana's total population used was constructed by NPA Data Services (formerly known as the National Planning Association), a long-standing Washington, D.C. research organization that projects total population (also by age) for all counties and states in the U.S. The NPA population projections were selected over other available forecasts because of the methodology used by NPA, the organization's experience, and the fact that the projections appeared reasonable. Employment projections for counterpart U.S. industries were available from the U.S. Department of Labor's Bureau of Labor Statistics for the year 2005 (published November 1993). These projections were scaled back to the year 2000 using linear interpolation. For manufacturing sectors, year 2000 U.S. projections published by the WEFA Group (formerly Wharton Econometric Fore-

casting Associates) were used. A U.S. production index was a useful predictor variable for a handful of mining and manufacturing sectors. Projections of these indices were available from the WEFA Group, as well as for interest rates and various U.S. consumer expenditure items useful in the projection of employment for other Montana sectors, such as components of retail trade.

The fifth step consisted of comparing, for each Montana industry, the actual 1994 employment level with the projected 1994 level, using the specific predictor variables for a given sector. The year 2000 projection was then increased or decreased by the amount of the difference between actual and predicted 1994 levels. Some people might call this benchmarking.

The sixth and last step involved comparing the generated projections with similar Montana projections done by other organizations in order to gauge the reasonableness of the generated projections. No other organization produces wage-and-salary employment forecasts at the level of industry detail described in this report. The Bureau of Economic Analysis (BEA), U.S. Department of Commerce, projects industry employment that includes the self-employed for many of the detailed economic sectors included in this document. The sector growth patterns were generally similar for the 2 projection efforts. Overall average annual growth for the BEA projections between 1994 and the year 2000, was 1.7 percent—compared with 2.0 percent for the wageand-salary employment projections included in this report. NPA Data Services also projects industry employment by broad industry groups that include the self-employed. Its June 1995 employment projection averaged 1.9 percent growth between 1994 and 2000. Finally, the WEFA group projects total nonagricultural wage-andsalary employment. The average annual growth rate for the period 1994 to the year 2000, published in June 1995, was 2.1 percent per year. These comparisons support the conclusion that the projections contained in this report are reasonable overall. Because the future is always uncertain, however, individual projections are rarely precisely accurate.

Please refer to the "Factors Used to Project Montana Industry Employment" table on the following 2 pages for a more specific presentation of the factors used to project Montana industry employment for specific industry sectors and subsectors.

FACTORS USED TO PROJECT MONTANA INDUSTRY EMPLOYMENT

SIC CODE*	INDUSTRY	YEAR	MONTANA POPULATION	U S PRODUCTION INDEX	U S EMPLOYMENT	RATE	OTHER FACTORS OTHER METHODOLOGY COMMENTS
	AGRICULTURE, FORESTRY, FISHING						
01 & 02	AGRICULTURAL PRODUCTION	X					
07	AGRICULTURAL SERVICES	X	×				
08	FORESTRY						ASSUMED CONSTANT TO THE YEAR 2000
09	FISHING, HUNTING & TRAPPING						FIVE-YEAR MOVING AVERAGE
	MINING	1				-	
10	METAL MINING			X		†	·
12	COAL MINING				×	-	WESTERN COAL PRODUCTION
13	OIL & GAS EXTRACTION				^	+	U S OIL RIGS
	NONMETAL MINING	-			X	+	US OIL RIGS
14	+··	-		-	^	+	
	CONSTRUCTION			-	-		
15	GENERAL BLDG CONTRACTORS	+	X		1	X	
18	HEAVY CONSTRUCTION			1			DOUBLE EXPONENTIAL SMOOTHED TREND
17	SPECIAL TRADE CONTRACTORS	X					MONTANA GEN BUILDING CONTRACTORS (SIC 15)
	MANUFACTURING	+		+			
20	FOOD PRODUCTS			<u>X</u>	X	+	
22	TEXTILE MILL PRODUCTS			1		-	ASSUMED CONSTANT TO THE YEAR 2000
23	APPAREL PRODUCTS				Х		U S SIC 239 EMPLOYMENT
24	LUMBER & WOOD PRODUCTS						UNIV OF MONT BUREAU BUSINESS/ECON PROJECTIO
25	FURNITURE & FIXTURES				×		
26	PAPER PRODUCTS						UNIV OF MONT BUREAU BUSINESS/ECON PROJECTIO
27	PRINTING & PUBLISHING						DOUBLE EXPONENTIAL SMOOTHED TREND
28	CHEMICALS			×			
29	PETROLEUM PRODUCTS				1		TEN-YEAR CYCLE PROJECTION
30	RUBBER & PLASTICS			X	×	•	
31	LEATHER PRODUCTS	х		1		+	
32	STONE, CLAY & GLASS PRODUCTS	· · · · ·		1	X		MONTANA CONSTRUCTION EMPLOYMENT
33	PRIMARY METALS	-			×		MONTANA CONSTRUCTION CHILL ESTALENT
34	+	+		1			
	FABRICATED METALS		X		-		
35	INDUSTRIAL MACHINERY			×			
36	ELECTRONIC EQUIPMENT	Х			X		
37	TRANSPORT EDUIPMENT	_					DOUBLE EXPONENTIAL SMOOTHED TREND
38	INSTRUMENTS	X		+			
39	MISC MANUFACTURING			, X			
	TRANSPORTATION & PUBLIC UTILITIES			+			
40	RAILROADS				X		
41	LOCAL PASSENGER TRANSIT	X					MONTANA POPULATION- AGES 5-19
42	TRUCKING & WAREHOUSING						SIX-YEAR CYCLE PROJECTION
43	WATER TRANSPORTATION	X			X		
44	AIR TRANSPORTATION		X	1	X		
45	PIPELINES	×					
46	TRANSPORTATION SERVICES	1		-	×		
47	COMMUNICATIONS	×			х		-
48	UTILITIES				×	•	
	WHOLESALE TRADE	Ī		•			
50 & 51	TOTAL WHOLESALE TRADE	×	×	†	X		
50	WHOLESALE TRADE (DURABLES)	TT:		+			TOTAL WHOLESALE TRADE LESS MONTANA SIC 51
	+	+	Υ	-		+	TOTAL WHOLESALE WASE EEDS MONTANA SIGNI
51	WHOLESALE TRADE (NONDURABLES)		Х	<u> </u>			
	RETAIL TRADE	+		†		1	MONTANA EMOLOVMENT IN SIG 45 - SIG 47
52	BUILDING MATERIALS		X				MONTANA EMPLOYMENT IN SIC 15 + SIC 17
53	GENERAL MERCHANDISE		X			X	
54	FOOD STORES		X				
55	AUTO DEALERS						SUM OF ITS SEPARATELY PROJECTED COMPONENTS
51 & 552	CAR OEALERS	X		+		X	MONTANA HOUSEHOLOS
553	-AUTO PARTS	Х	X				
554	-SERVICE STATIONS	X				х	U.S. GASOLINE CONSUMPTION
	-OTHER DEALERS	Х				Х	MONTANA HOUSEHOLDS
56	CLOTHING STORES		×				1
57	FURNITURE STORES		×				U.S. FURNITURE EXPENDITURES (CONSTANT \$)
58	EATING & DRINKING PLACES	-+	×				FOOD CONSUMPTION AWAY FROM HOME (CONSTANT
	MISCELLANEOUS RETAIL		x			*	

FACTORS USED TO PROJECT MONTANA INDUSTRY EMPLOYMENT

SIC CODE*	INDUSTRY	YEAR	MONTANA POPULATION	U.S. PRODUCTION INDEX	U S EMPLOYMENT	RATE	OTHER FACTORS, OTHER METHODOLOGY COMMENTS
	FINANCE, INSURANCE & REAL ESTATE						
60	DEPOSITORY INSTITUTIONS				×	1	
81	NON-DEPOSITORY INSTITUTIONS		X			1	
82	SECURITY BROKERS		×		×	1	
83	INSURANCE CARRIERS		х				
64	INSURANCE AGENTS		×	+			
85	REAL ESTATE	X	×				
87	HOLDING COMPANIES	X	×	1			U.S. FINANCE, INSUR & REAL ESTATE EMPLOYMENT
	SERVICES						
70	HOTELS & LODGING	X	Х				
72	PERSONAL SERVICES	×	×		×	<u> </u>	
73	BUSINESS SERVICES				×		
75	AUTO REPAIR	i	X	i i	X		
78	MISCELLANEOUS REPAIR				X		
78	MOTION PICTURES	1			×	1	
79	AMUSEMENT & RECREATION	1			×	Ť.	
80	HEALTH SERVICES					Ì	SUM OF ITS SEPARATELY PROJECTED COMPONENTS
801	-DOCTORS OFFICES	×	х		×		
805	-LONG-TERM CARE	-		1			MONTANA POPULATION-75 & OVER
806	-HOSPITALS					•	MONTANA POPULATION-65 & OVER
	-OTHER	+	X		х		
81	LEGAL SERVICES			1	×		
82	EDUCATIONAL SERVICES		×	1	×		MONTANA POPULATION-AGES 5-19
83	SOCIAL SERVICES	-	1		×		1
84	MUSEUMS			1	X		
86	MEMBERSHIP ORGANIZATIONS	Х	X		Х		
87	ENGINEERING & ACCOUNTING	×	×	1			
88	DOMESTICS	X	1		1		
89	SERVICES (NOT CLASSIFIED)	-	х				
	GOVERNMENT						
	FEDERAL GOVERNMENT EMPLOYEES		1	*	;		SUM OF ITS SEPARATELY PROJECTED COMPONENTS
43	-U S POSTAL SERVICE				X		1
806	HOSPITALS						12-YEAR CYCLE PROJECTION
	OTHER		1	1	1		12-YEAR CYCLE PROJECTION
	STATE GOVERNMENT EMPLOYEES	-					SUM OF ITS SEPARATELY PROJECTED COMPONENTS
805	-LONG-TERM CARE						ASSUMED CONSTANT TO THE YEAR 2000
806	-HOSPITALS	i					BASED ON PUBLISHED PLAN OF RESTRUCTURING
82	-EDUCATION		х		х		
	-OTHER						ASSUMED A CONSTANT 1994 LEVEL
	LOCAL GOVERNMENT EMPLOYEES		1			1	SUM OF ITS SEPARATELY PROJECTED COMPONENTS
805	-LONG-TERM CARE			1	!		ASSUMED CONSTANT TO THE YEAR 2000
806	-HOSPITALS				1		ASSUMED CONSTANT TO THE YEAR 2000
82	EDUCATION	X		1		1	MONTANA POPULATION-AGES 5-19
	OTHER		х	1			

^{*}Standard Industrial Classification Code

Source Research & Analysis Bureau, Montana Department of Labor & Industry

Occupational Jobs Projection Methodology

Employment by Occupation

The main source of occupational information in this publication is the Occupational Employment Statistics (OES) program which surveys Montana's employers over a 3-year period to develop estimated occupational employment by industry type.

The data enables us to build an industry-occupational (I/O) matrix. This I/O matrix is a table arraying the occupational staffing patterns for each industry: i.e., the ratio of employment in each occupation within an industry to the total employment in the industry. For purposes of this report, the OES survey results for 1992-1994 were used to develop industry staffing patterns. Then the staffing patterns were applied to the 1994 base year employment to develop a base year I/O matrix.

Projected Employment by Occupation

Projected employment by occupation is derived by applying the base year I/O matrix to the projected industry employment. Before the I/O matrix is applied it must be modified to take into account those occupations which are expected to undergo technological or structural changes and alter the staffing pattern of those industries the occupations are found in.

This change factor has been developed by the Federal Bureau of Labor Statistics and was applied to the base year I/O matrix to obtain an enhanced base year I/O matrix. The enhanced matrix is applied to the projected industry employment.

Job Openings

This publication also provides an estimate of the number of average annual job openings for each listed occupation. The number of job openings is then broken down into component parts of growth and replacements because job opportunities stem either from net employment growth (an increase in demand for workers in a particular occupation) or from replacement demand (the need to replace workers who have left the labor force).

Average annual job openings due to growth represent the number of new jobs resulting from the projected change in industry employment between the base year and the projected year on an annual basis. Job openings due to replacements differ, though, in that they represent employers' replacement needs. These figures are derived by applying precalculated replacement rates supplied by the U.S. Department of Labor's Bureau of Labor Statistics to the previously determined projected employment.

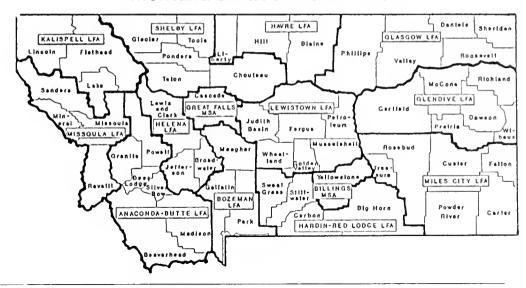
For most occupations in most states, openings resulting from replacement needs are greater than those generated by increased demand and therefore critical to supplying reliable information many individuals and organizations use to make informed decisions on career choices, educational programs offered and training programs funded.

These replacements occur when people leave the labor force (e.g., retirements, return to school, quitting work to raise children, or death). They also represent the net effect of transfers to new occupations. Replacement rates vary significantly among occupational groups and have been determined as a result of national studies by the Bureau of Labor Statistics.

Limitation

Using percentages to reflect changes in industrial or occupational employment can at times be misleading. If the base number being used is quite small, large percentage swings are possible. For instance, an occupation may show a startling 100 percent growth rate, but in actuality may have only gone from a base employment of 10 to a projected employment of 20.

Montana's Labor Force Areas



LOCAL JOB SERVICE OFFICE LISTING

ANACONDA 307 East Park Anaconda, MT 59711 (406-563-3444)

BILLINGS 624 N. 24th St. (Main) 2121-B Rosebud Dr. (Satellite) Billings, MT 59101 (406-248-7371)Main (406-652-3080)Satellite

BOZEMAN 121 N. Willson Bozeman, MT 59715 (406-586-5455)

BUTTE
206 W. Granite
P.O. Box 309
Program Office
Butte, MT 59703
(406-782-0417)Granite
(406-782-9115)Pgr.Off.

CUT BANK 20 S. Central Cut Bank, MT 59427 (406-873-2191)

DILLON 730 N. Montana P.O. Box 1300 Dillon, MT 59725 (406-683-4259) FLATHEAD 427 1st Ave. E. Kalispell, MT 59901 (406-758-6200)

GLASGOW 238 2nd Ave. Glasgow, MT 59230 (406-228-9369)

<u>GLENDIVE</u> 211 S. Kendrick Glendive, MT 59330 (406-365-3314)

GREAT FALLS 1018 7th St. S. Great Falls, MT 59405 (406-791-5800)

HAMILTON 333 Main St. P.O. Box 73 Hamilton, MT 59840 (406-363-1822)

HAVRE 416 1st St. Havre, MT 59501 (406-265-5847) HELENA 715 Front St. Helena, MT 59601 (406-447-3200) (1-800-838-7917)

LEWISTOWN 300 1st Ave. N. Lewistown, MT 59457 (406-538-8701)

LIBBY 120 W. 5th St. Libby, MT 59923 (406-293-6282)

LIVINGSTON
228 S. Main
P.O. Box 1199
Livingston, MT 59047
(406-222-0520)

MILES CITY 12 N. 10th St. P.O. Box 1786 Miles City, MT 59301 (406-232-1316)

MISSOULA 539 S. 3rd St. W. P.O. Box 5027 Missoula, MT 59806 (406-728-7060) POLSON 417 Main St. P.O. Box 970 Polson, MT 59860 (406-883-5261)

<u>SHELBY</u> 402 1st St. S. Shelby, MT 59474 (406-434-5161)

SIDNEY 211 N. Central Sidney, MT 59270 (406-482-1204)

THOMPSON FALLS 608 Main St. P.O. Box 669 Thompson Falls, MT 59873 (406-827-3472)

WOLF POINT 217 3rd Ave. S. Wolf Point, MT 59201 (406-653-1720)

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